

TELEPHONE PART

KLS electronic
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PCB Modular Jack Series

KLS12-117-10P PCB Modular Jack 56 Series

MATERIAL

1. Housing Material : Glass Filled Polyester UL94V-0 PBT, NYLON
2. Housing Color : Black, Gray, Ivory, White or Others
3. Contact Material : Phosphor Bronze $\Phi 0.46\text{mm}$
4. PLATING: Gold plating over nickel. Gold plating thickness
1. $5\mu"/3\mu"/6\mu"/15\mu"/30\mu"/50\mu"$
5. SHIELD : 0.23 Thickness Brass with nickel plated

ELECTRICAL

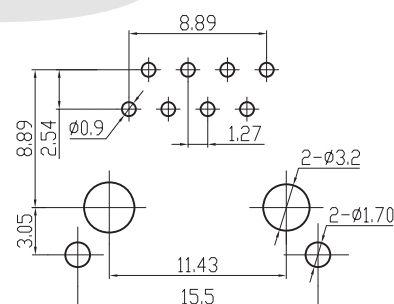
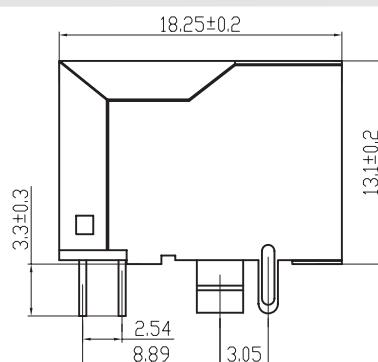
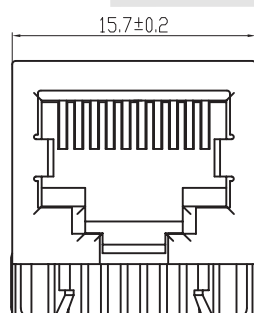
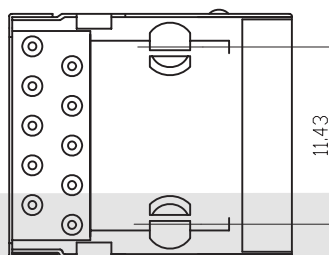
1. Current Rating : 1.5 Amp
2. Voltage Rating : 125 VAC RMS
3. Contact Resistance : 30 Milliohms Max.
4. Insulation Resistance : 500 Megohms Min @ 500 VDC
5. Dielectric Withstanding Voltage : 1000VAC RMS 50Hz 1 minute

MECHANICAL

1. DURABILITY : 750 CYCLES MIN
2. PCB RETENTION PRE-SOLDER : 1 LB MIN

ENVIRONMENTAL

1. STORAGE : $-40^{\circ}\text{C} \sim +80^{\circ}\text{C}$
2. OPERATION : $-40^{\circ}\text{C} \sim +70^{\circ}\text{C}$



PC Board Layout

ORDER INFORMATION

KLS12-117 - 10P8C-1x1- W - F -XX-X

Part Number	Point NO.	Ports	Shield	Peg/TAB	Gold Thickness	Plastic
	10P10C Point 10P8C Point	1x1-1 Ports 1x2-2 Ports 1x4-4 Ports 1x8-8 Ports	W-With Shield E-Shield With EMI	0-W/O Peg 1-Front Peg 3.05 2-Front Peg 3.68 3-Front Peg 4.57 4-Back Peg 3.05	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u"	1-Nylon 2-PBT 3-ABS

PCB Modular Jack Series

KLS12-117-10P PCB Modular Jack 56 Series 1x2 Ports

MATERIAL

- 1.Housing Material : Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color : Black, Gray, Ivory, White or others
- 3.Contact Material : Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.PLATING: Gold plating over nickel. Gold plating thickness
1.5u"/3u"/6u"/15u"/30u"/50u"
5. SHIELD : 0.23 Thickness Brass with Nickel Plated

ELECTRICAL

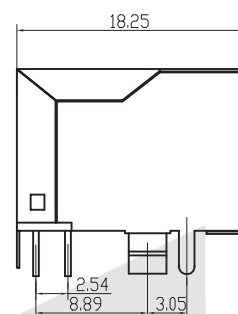
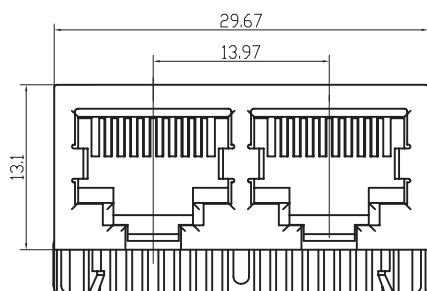
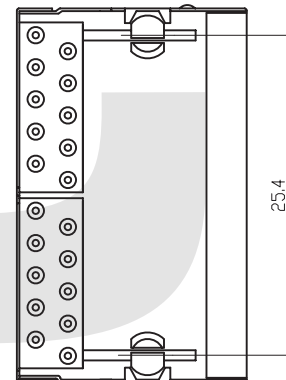
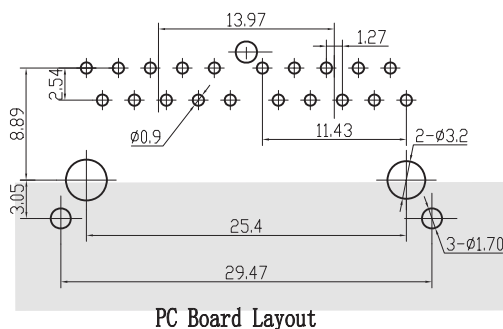
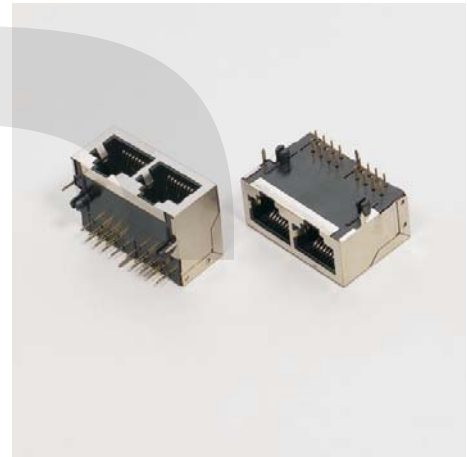
- 1.Current Rating:1.5Amp
- 2.Voltage Rating:125VAC
- 3.Contact Resistance : 30M Ω Max.
- 4.Insulation Resistance : 500 M Ω Min @500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min
- 2.PCB Retention pre-solder : 1 LB Min

ENVIRONMENTAL

- 1.Storage : -40°C~+80°C
- 2.Operation:-40°C~+70°C



ORDER INFORMATION

KLS12-117 - 10P10C-1x2-XX-X

Part Number	Point NO.	Ports	Gold Thickness	Plastic
	10P10C Point 10P8C Point	1x2-2 Ports 1x4-4 Ports	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u"	1-Nylon 2-PBT 3-ABS

PCB Modular Jack Series

KLS12-117-10P PCB Modular Jack 56 Series 1x4 Ports

MATERIAL

- 1.Housing Material : Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color : Black, Gray, Ivory, White or others
- 3.Contact Material : Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.PLATING: Gold plating over nickel. Gold plating thickness
1.5u"/3u"/6u"/15u"/30u"/50u"
5. SHIELD : 0.23 Thickness Brass with Nickel Plated

ELECTRICAL

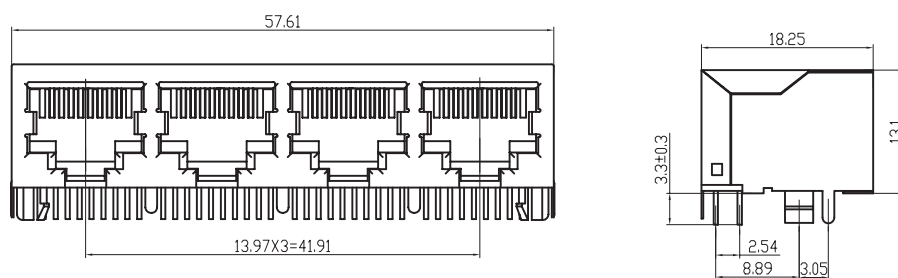
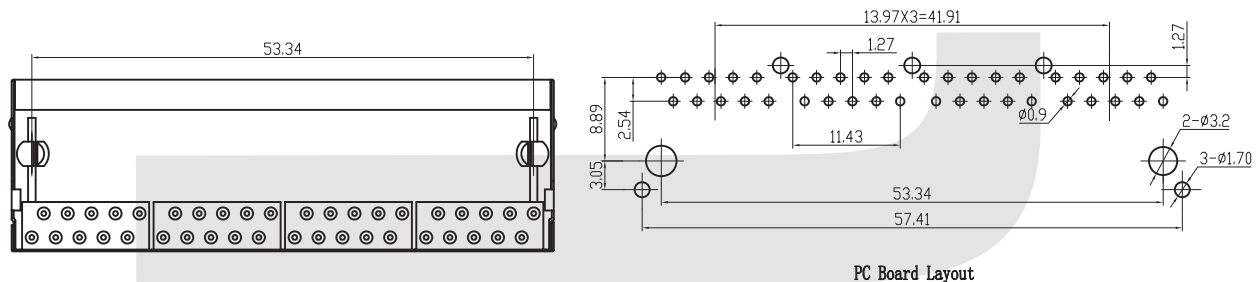
- 1.Current Rating:1.5Amp
- 2.Voltage Rating:125VAC
- 3.Contact Resistance : 30M Ω Max.
- 4.Insulation Resistance : 500 M Ω Min @500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min
- 2.PCB Retention pre-solder : 1 LB Min

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



ORDER INFORMATION

KLS12-117 - 10P10C-1x4-XX-X

Part Number	Point NO.	Ports	Gold Thickness	Plastic
	10P10C Point 10P8C Point	1x2-2 Ports 1x4-4 Ports	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u"	1-Nylon 2-PBT 3-ABS

TELEPHONE PART

PCB Modular Jack Series

KLS12-118-10P PCB Modular Jack 56 Series

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or others
- 3.Contact Material : Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.PLATING: Gold plating over nickel. Gold plating thickness
1.5u"/3u"/6u"/15u"/30u"/50u"
- 5.SHIELD : 0.23 Thickness Brass with nickel plated

ELECTRICAL

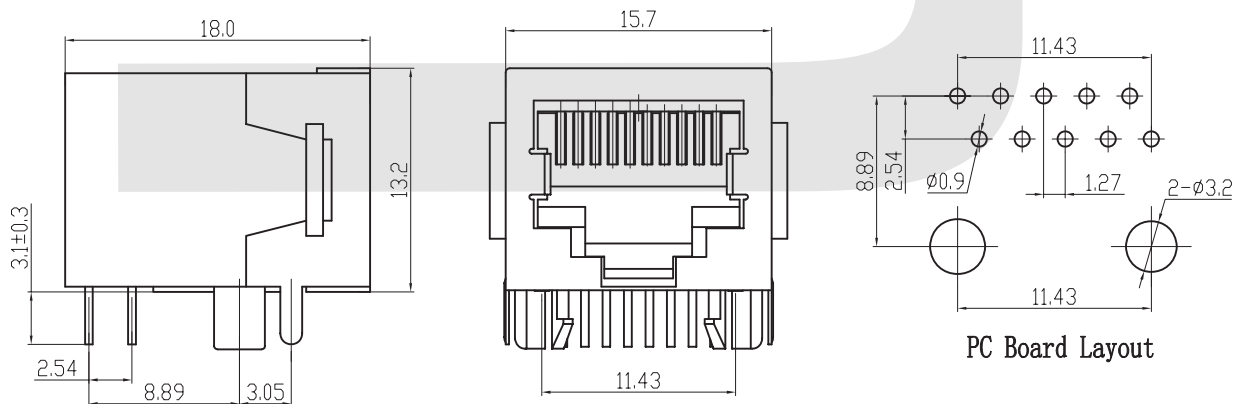
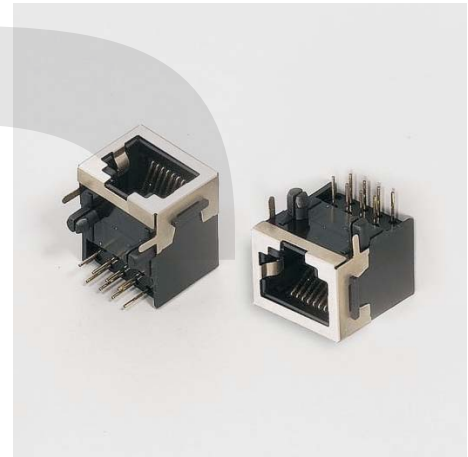
- 1.Current Rating: 1.5Amp
- 2.Voltage Rating: 125VAC
- 3.Contact Resistance : 30M Ω Max.
- 4.Insulation Resistance : 500M Ω Min.@ 500VDC
- 5.Dielectric Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage : -40°C~+80°C
- 2.Operation:-40°C~+70°C



ORDER INFORMATION

KLS12-117 - 10P8C-H-XX-X

Part Number	Point NO.	Shielded	Gold Thickness	Plastic
	10P10C Point 10P8C Point	H-Half Shielded E-Shield With EMI	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u"	1-Nylon 2-PBT 3-ABS

PCB Modular Jack Series

KLS12-120-10P PCB Modular Jack 56 Series 1x2 Ports

MATERIAL

- 1.Housing Material : Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color : Black, Gray, Ivory, White or others
- 3.Contact Material : Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.PLATING: Gold plating over nickel. Gold plating thickness
1.5u"/3u"/6u"/15u"/30u"/50u"
5. SHIELD : 0.23 Thickness Brass with Nickel Plated

ELECTRICAL

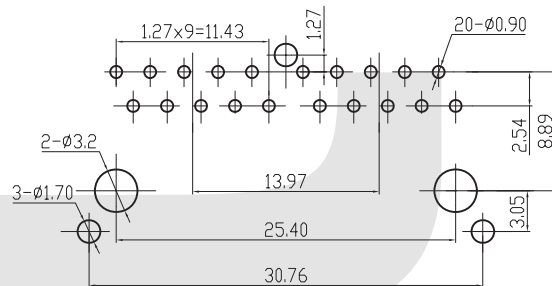
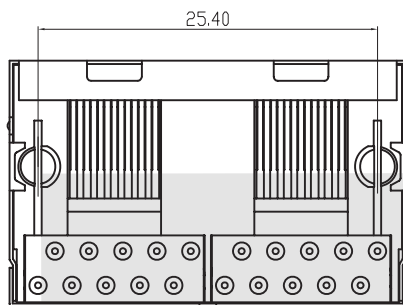
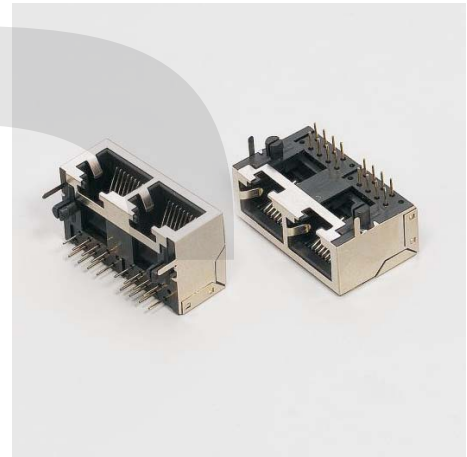
- 1.Current Rating:1.5Amp
- 2.Voltage Rating:125VAC
- 3.Contact Resistance : 30M Ω Max.
- 4.Insulation Resistance : 500 M Ω Min @500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

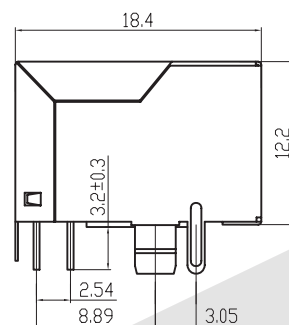
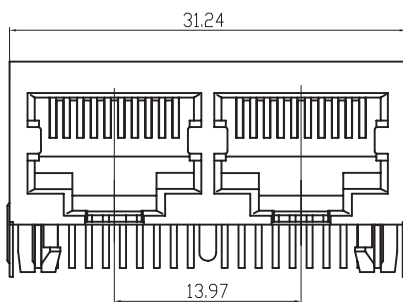
- 1.Durability : 750 cycles Min
- 2.PCB Retention pre-solder : 1 LB Min

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



PC Board Layout



ORDER INFORMATION

KLS12-120 - 10P10C-1x2-XX-X

Part Number	Point NO.	Ports	Gold Thickness	Plastic
	10P10C Point 10P8C Point	1x2-2 Ports 1x4-4 Ports	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u"	1-Nylon 2-PBT 3-ABS

PCB Modular Jack Series

KLS12-120-10P PCB Modular Jack 56 Series 1x4 Ports

MATERIAL

- 1.Housing Material : Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color : Black, Gray, Ivory, White or others
- 3.Contact Material : Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.PLATING: Gold plating over nickel. Gold plating thickness
1.5u"/3u"/6u"/15u"/30u"/50u"
5. SHIELD : 0.23 Thickness Brass with Nickel Plated

ELECTRICAL

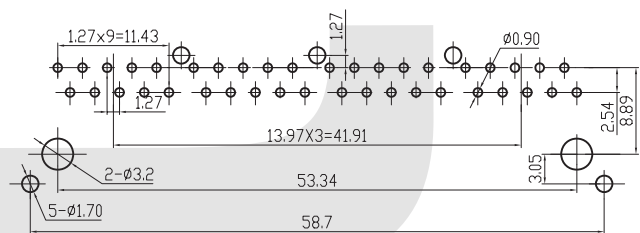
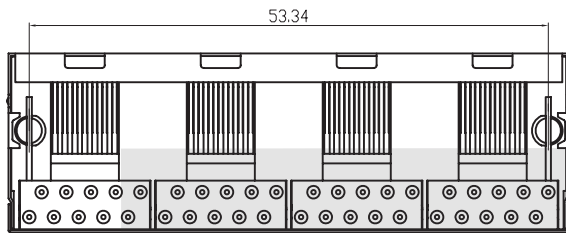
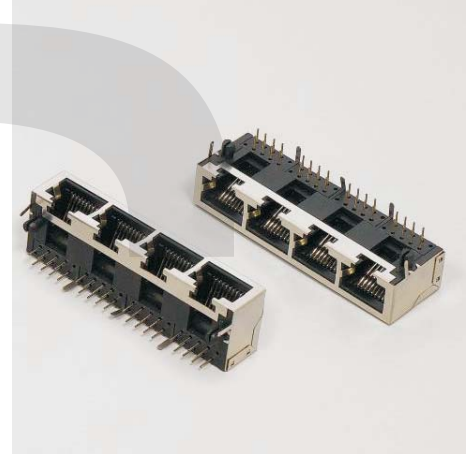
- 1.Current Rating:1.5Amp
- 2.Voltage Rating:125VAC
- 3.Contact Resistance : 30M Ω Max.
- 4.Insulation Resistance : 500 M Ω Min @500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

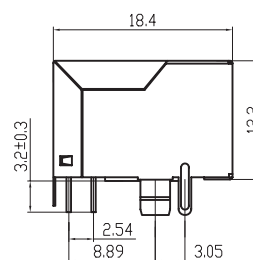
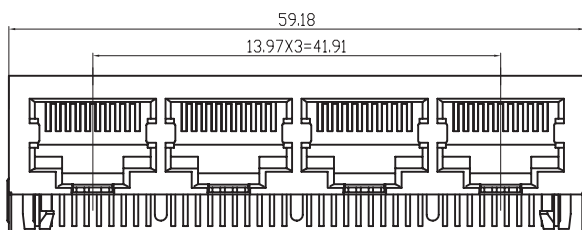
- 1.Durability : 750 cycles Min
- 2.PCB Retention pre-solder : 1 LB Min

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



PC Board Layout



ORDER INFORMATION

KLS12-120 - 10P10C-1x4-XX-X

Part Number	Point NO.	Ports	Gold Thickness	Plastic
	10P10C Point 10P8C Point	1x2-2 Ports 1x4-4 Ports	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u"	1-Nylon 2-PBT 3-ABS

PCB Modular Jack Series

KLS12-121-6P PCB Modular Jack 55 Series With Shielded

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or others
- 3.Contact Material: Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.PLATING: Gold plating over nickel. Gold plating thickness
1.5u" / 3u" / 6u" / 15u" / 30u" / 50u"
- 5.SHIELD: 0.23 Thickness Brass with nickel plated

ELECTRICAL

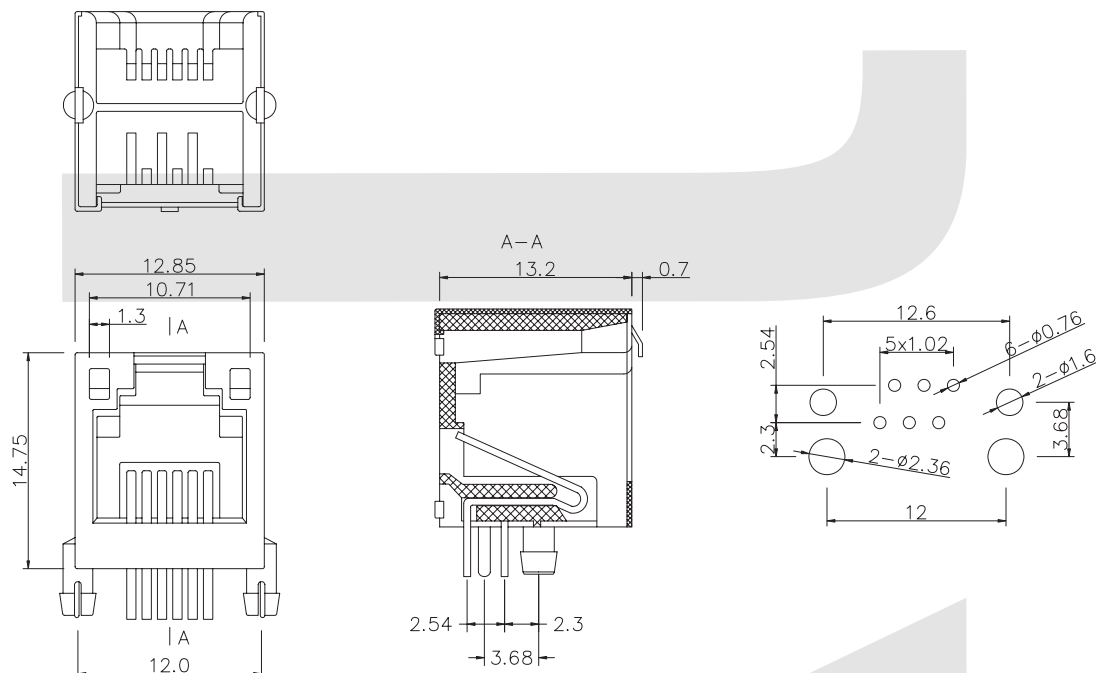
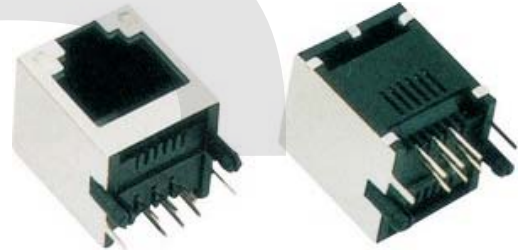
- 1.Current Rating: 1.5 Amp
- 2.Voltage Rating: 125VAC
- 3.Contact Resistance: 30 M Ω Max.
- 4.Insulation Resistance: 500 M Ω Min. @ 500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



ORDER INFORMATION

KLS12-121 - 6P6C-W-XX-X

Part Number	Point NO.	Shielded	Gold Thickness	Plastic
	6P6C Point	W-With Shielded	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u"	1-Nylon 2-PBT 3-ABS

PCB Modular Jack Series

KLS12-122-8P PCB Modular Jack 55 Series With Shielded

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or others
- 3.Contact Material: Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.PLATING: Gold plating over nickel. Gold plating thickness
1.5u" / 3u" / 6u" / 15u" / 30u" / 50u"
- 5.SHIELD: 0.23 Thickness Brass with nickel plated

ELECTRICAL

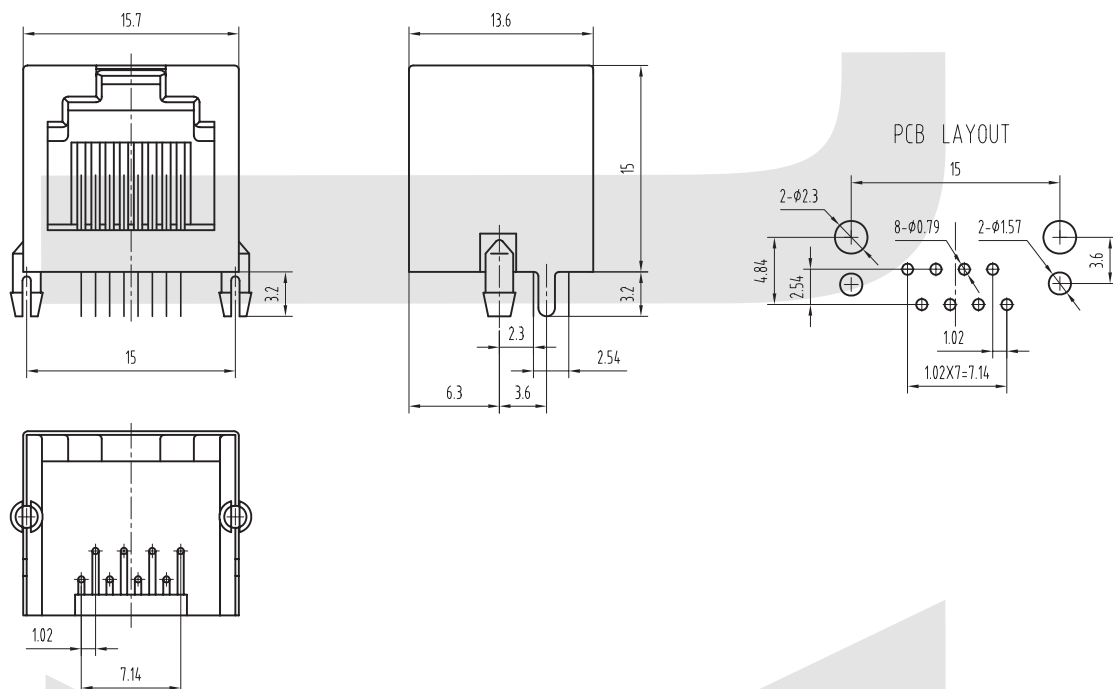
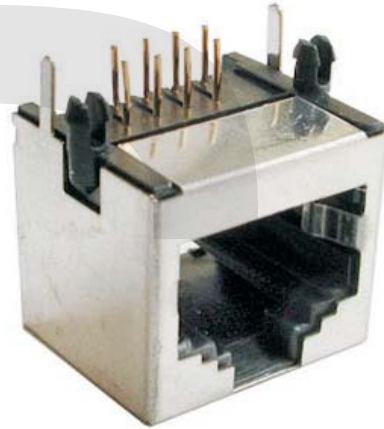
- 1.Current Rating: 1.5 Amp
- 2.Voltage Rating: 125VAC
- 3.Contact Resistance: 30 M Ω Max.
- 4.Insulation Resistance: 500 M Ω Min. @ 500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



ORDER INFORMATION

KLS12-122 - 8P8C-W-XX-X

Part Number	Point NO.	Shielded	Gold Thickness	Plastic
	8P8C Point	W-With Shielded	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u	1-Nylon 2-PBT 3-ABS

PCB Modular Jack Series

KLS12-123-4P PCB Modular Jack 55 Series

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or others
- 3.Contact Material: Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.PLATING: Gold plating over nickel. Gold plating thickness
1.5u" / 3u" / 6u" / 15u" / 30u" / 50u"

ELECTRICAL

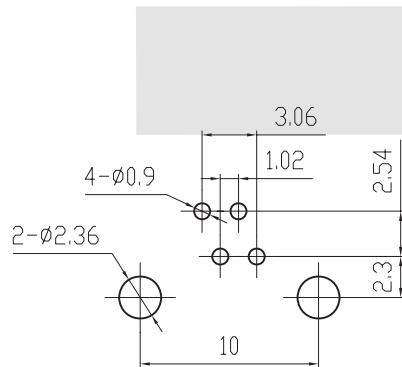
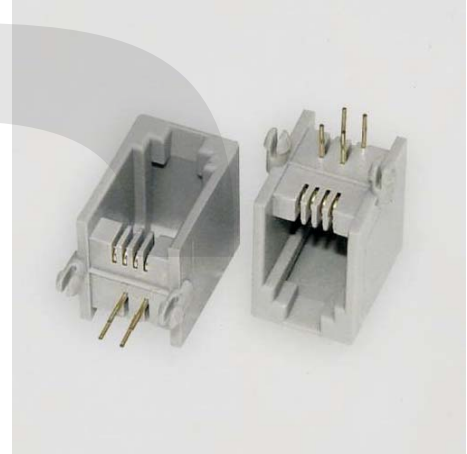
- 1.Current Rating: 1.5 Amp
- 2.Voltage Rating: 125VAC
- 3.Contact Resistance: 30 M Ω Max.
- 4.Insulation Resistance: 500 M Ω Min. @ 500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

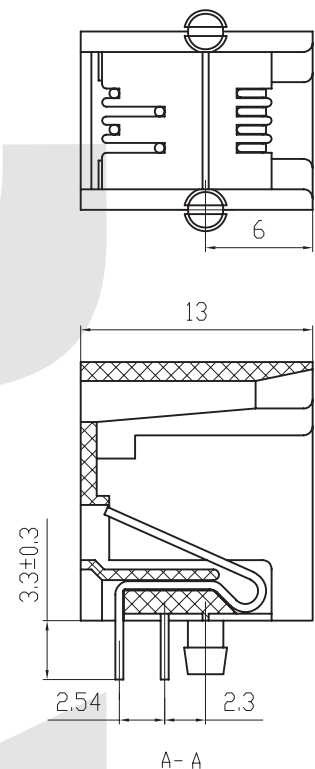
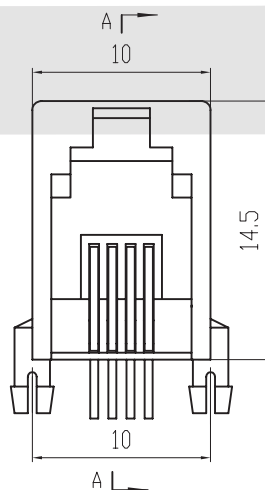
- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



PC Board Layout



ORDER INFORMATION

KLS12-123- 4P4C-W/O-B-XX-X

Part Number	Point NO.	Panel	Part Color	Gold Thickness	Plastic
	4P4C Point 4P2C Point	W-With Panel W/O-Without Panel	1-Black 2-Gray 3-White 4-IV	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u	1-Nylon 2-PBT 3-ABS

PCB Modular Jack Series

KLS12-123-4P PCB Modular Jack 55 Series

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or others
- 3.Contact Material: Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.PLATING: Gold plating over nickel. Gold plating thickness
1.5u" / 3u" / 6u" / 15u" / 30u" / 50u"

ELECTRICAL

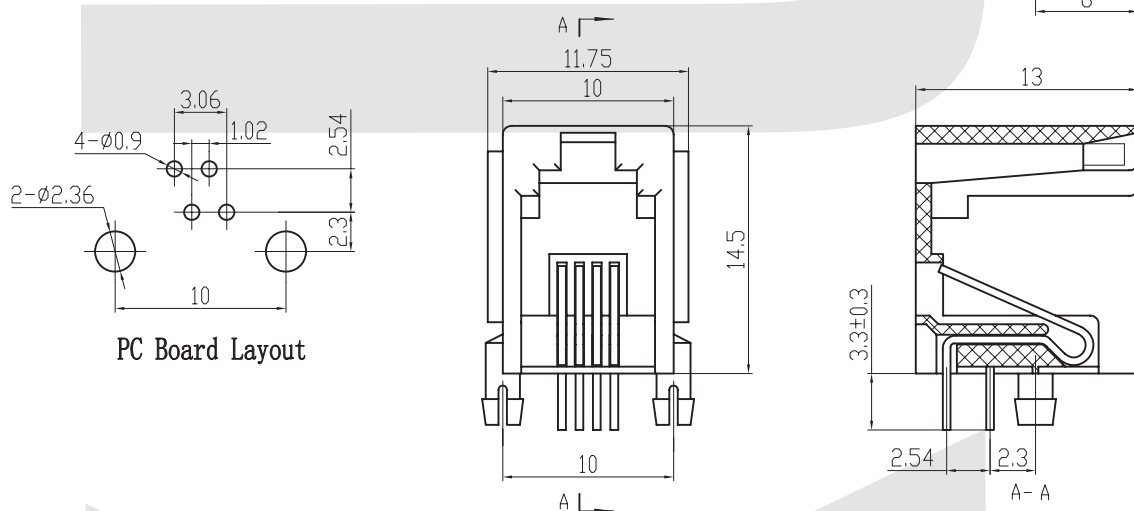
- 1.Current Rating: 1.5 Amp
- 2.Voltage Rating: 125VAC
- 3.Contact Resistance: 30 M Ω Max.
- 4.Insulation Resistance: 500 M Ω Min. @ 500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



ORDER INFORMATION

KLS12-123- 4P4C- W -B-XX-X

Part Number	Point NO.	Panel	Part Color	Gold Thickness	Plastic
	4P4C Point 4P2C Point	W-With Panel W/O-Without Panel	1-Black 2-Gray 3-White 4-IV	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u"	1-Nylon 2-PBT 3-ABS

PCB Modular Jack Series

KLS12-124-6P PCB Modular Jack 55 Series

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or others
- 3.Contact Material: Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.PLATING: Gold plating over nickel. Gold plating thickness
1.5u"/3u"/6u"/15u"/30u"/50u"

ELECTRICAL

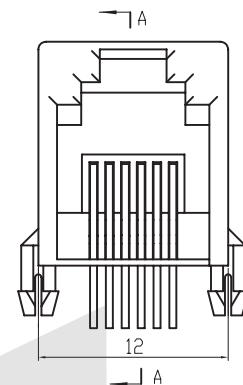
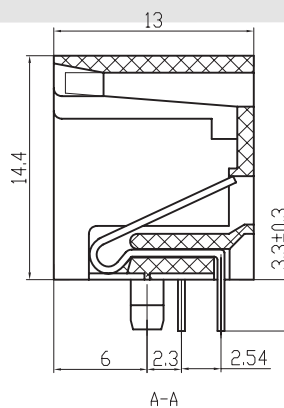
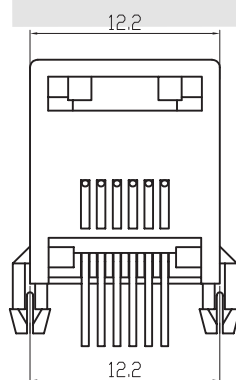
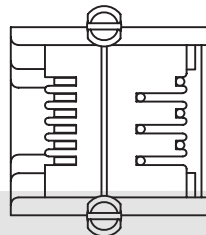
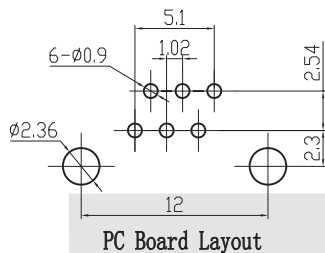
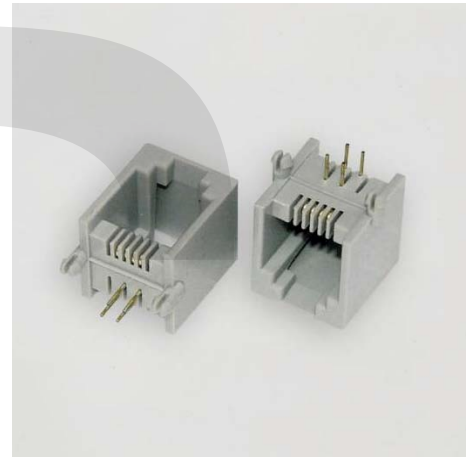
- 1.Current Rating: 1.5 Amp
- 2.Voltage Rating: 125VAC
- 3.Contact Resistance: 30 M Ω Max.
- 4.Insulation Resistance: 500 M Ω Min. @ 500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



ORDER INFORMATION

KLS12-124- 6P6C-W/O-B-XX-X

Part Number	Point NO.	Panel	Part Color	Gold Thickness	Plastic
6P6C	Point	W-With Panel	1-Black	01-Fu"	1-Nylon
6P4C	Point	W/O-Without Panel	2-Gray	02-3u"	2-PBT
6P2C	Point		3-White	03-6u"	3-ABS
			4-IV	04-15u"	
				05-30u"	
				06-50u"	

PCB Modular Jack Series

KLS12-124-6P PCB Modular Jack 55 Series

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or others
- 3.Contact Material: Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.PLATING: Gold plating over nickel. Gold plating thickness
1.5u" / 3u" / 6u" / 15u" / 30u" / 50u"

ELECTRICAL

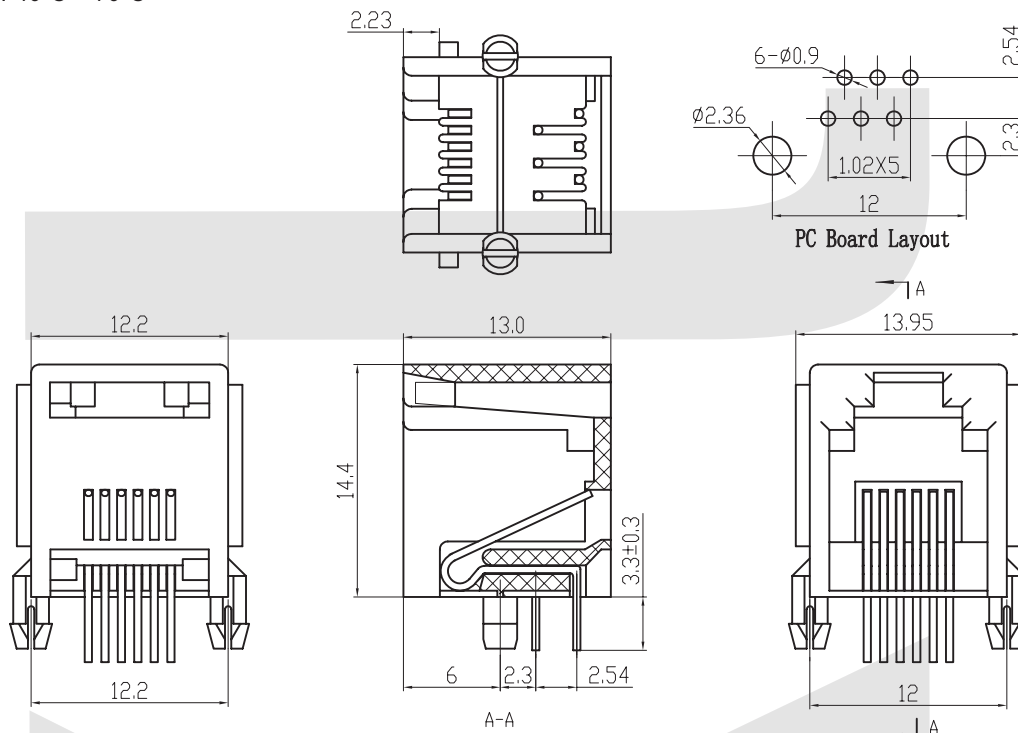
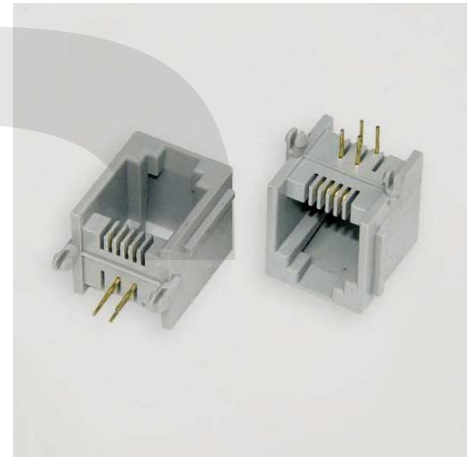
- 1.Current Rating: 1.5 Amp
- 2.Voltage Rating: 125VAC
- 3.Contact Resistance: 30 M Ω Max.
- 4.Insulation Resistance: 500 M Ω Min. @ 500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



ORDER INFORMATION

KLS12-124- 6P6C- W -B-XX-X

Part Number	Point NO.	Panel	Part Color	Gold Thickness	Plastic
6P6C	Point	W-With Panel	1-Black	01-Fu"	1-Nylon
6P4C	Point	W/O-Without Panel	2-Gray	02-3u"	2-PBT
6P2C	Point		3-White	03-6u"	3-ABS
			4-IV	04-15u"	
				05-30u"	
				06-50u"	

PCB Modular Jack Series

KLS12-127-6P PCB Modular Jack 55 Series 1x2 Ports

MATERIAL

- 1.Housing Material : Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color : Black, Gray, Ivory, White or others
- 3.Contact Material : Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.PLATING: Gold plating over nickel. Gold plating thickness
1.5u"/3u"/6u"/15u"/30u"/50u"

ELECTRICAL

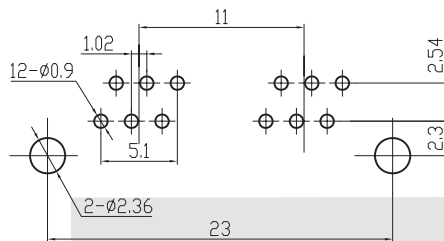
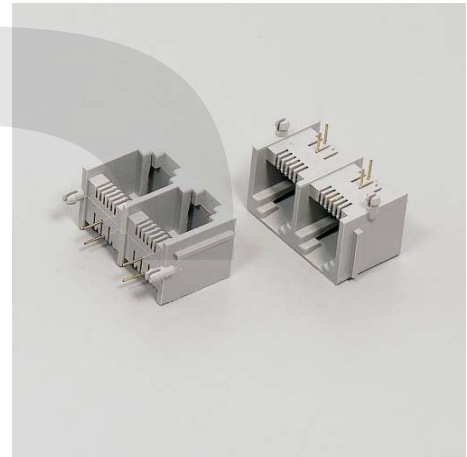
- 1.Current Rating:1.5Amp
- 2.Voltage Rating:125VAC
- 3.Contact Resistance : 30M Ω Max.
- 4.Insulation Resistance : 500 M Ω Min @500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

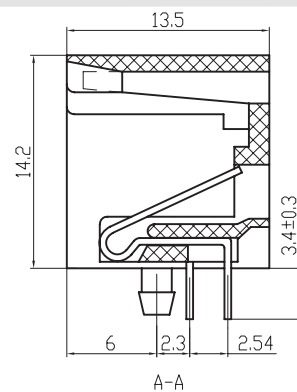
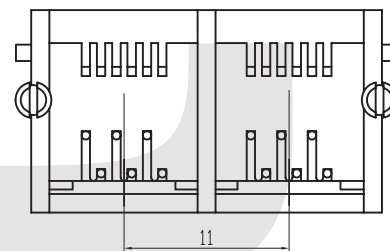
- 1.Durability : 750 cycles Min
- 2.PCB Retention pre-solder : 1 LB Min

ENVIRONMENTAL

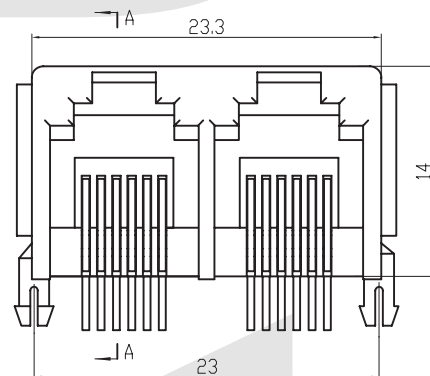
- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



PC Board Layout



A-A



ORDER INFORMATION

KLS12-127 - 6P6C-1x2-W-B-XX-X

Part Number	Point NO.	Ports	Panel	Part Color	Gold Thickness	Plastic
6P6C	Point	1x2-2 Ports	W-With Panel	1-Black	01-Fu"	1-Nylon
6P4C	Point	1x3-3 Ports	W/O-Without Panel	2-Gray	02-3u"	2-PBT
6P2C	Point	1x4-4 Ports		3-White	03-6u"	3-ABS
		1x5-4 Ports		4-IV	04-15u"	
		1x6-6 Ports			05-30u"	
		1x8-8 Ports			06-50u"	

PCB Modular Jack Series

KLS12-127-6P PCB Modular Jack 55 Series 1x3 Ports

MATERIAL

- 1.Housing Material : Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color : Black, Gray, Ivory, White or others
- 3.Contact Material : Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.PLATING: Gold plating over nickel. Gold plating thickness
1.5u"/3u"/6u"/15u"/30u"/50u"

ELECTRICAL

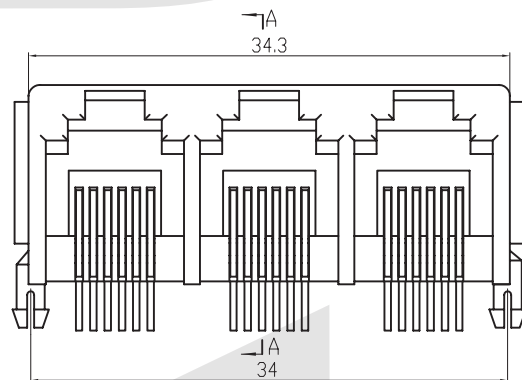
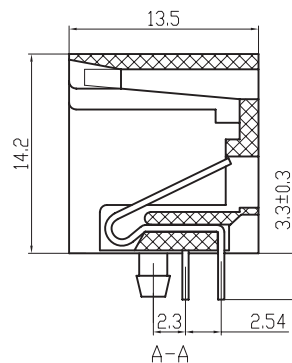
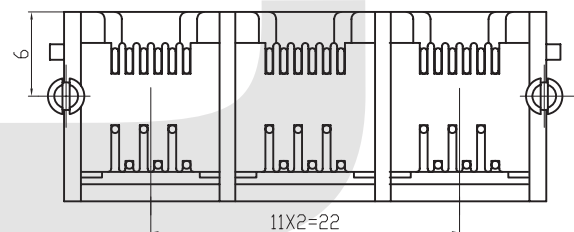
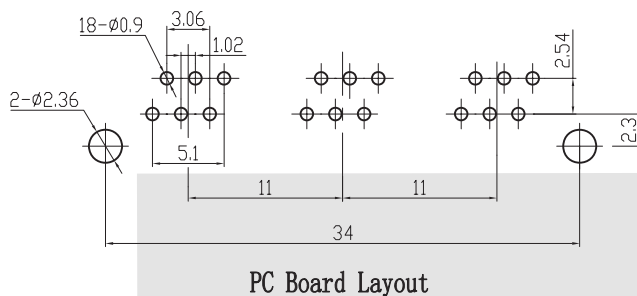
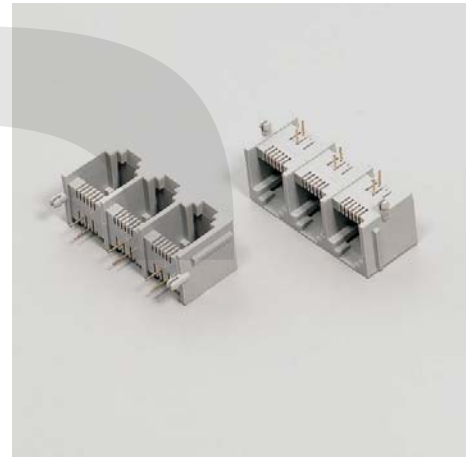
- 1.Current Rating:1.5Amp
- 2.Voltage Rating:125VAC
- 3.Contact Resistance : 30M Ω Max.
- 4.Insulation Resistance : 500 M Ω Min @500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min
- 2.PCB Retention pre-solder : 1 LB Min

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



ORDER INFORMATION

KLS12-127 - 6P6C-1x3-W-B-XX-X

Part Number	Point NO.	Ports	Panel	Part Color	Gold Thickness	Plastic
6P6C	Point	1x2-2 Ports	W-With Panel	1-Black	01-Fu"	1-Nylon
6P4C	Point	1x3-3 Ports	W/O-Without Panel	2-Gray	02-3u"	2-PBT
6P2C	Point	1x4-4 Ports		3-White	03-6u"	3-ABS
		1x5-4 Ports		4-IV	04-15u"	
		1x6-6 Ports			05-30u"	
		1x8-8 Ports			06-50u"	

PCB Modular Jack Series

KLS12-127-6P PCB Modular Jack 55 Series 1x4 Ports

MATERIAL

- 1.Housing Material : Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color : Black, Gray, Ivory, White or others
- 3.Contact Material : Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.PLATING: Gold plating over nickel. Gold plating thickness
1.5u"/3u"/6u"/15u"/30u"/50u"

ELECTRICAL

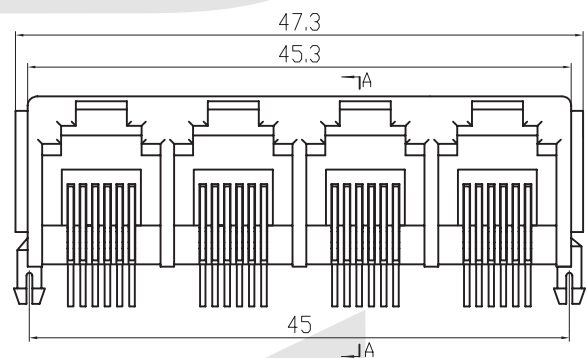
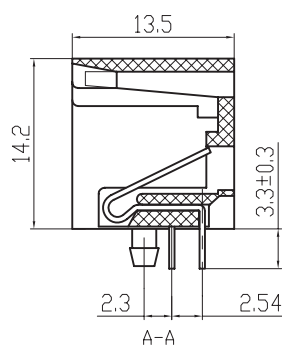
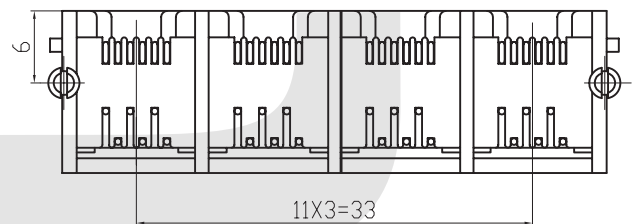
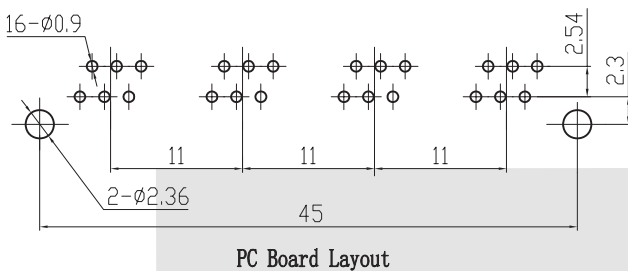
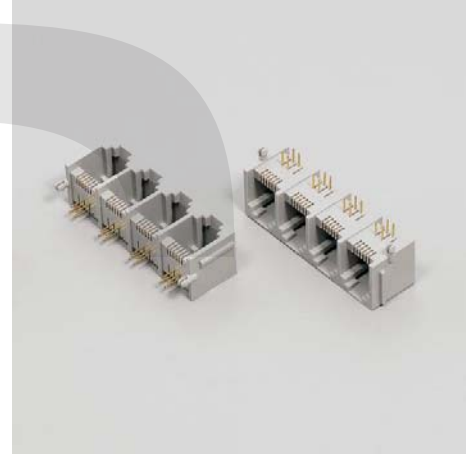
- 1.Current Rating:1.5Amp
- 2.Voltage Rating:125VAC
- 3.Contact Resistance : 30M Ω Max.
- 4.Insulation Resistance : 500 M Ω Min @500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min
- 2.PCB Retention pre-solder : 1 LB Min

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



ORDER INFORMATION

KLS12-127 - 6P6C-1x4-W-B-XX-X

Part Number	Point NO.	Ports	Panel	Part Color	Gold Thickness	Plastic
6P6C	Point	1x2-2 Ports	W-With Panel	1-Black	01-Fu"	1-Nylon
6P4C	Point	1x3-3 Ports	W/O-Without Panel	2-Gray	02-3u"	2-PBT
6P2C	Point	1x4-4 Ports		3-White	03-6u"	3-ABS
		1x5-4 Ports		4-IV	04-15u"	
		1x6-6 Ports			05-30u"	
		1x8-8 Ports			06-50u"	

PCB Modular Jack Series

KLS12-127-6P PCB Modular Jack 55 Series 1x5 Ports

MATERIAL

- 1.Housing Material : Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color : Black, Gray, Ivory, White or others
- 3.Contact Material : Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.PLATING: Gold plating over nickel. Gold plating thickness
1.5u"/3u"/6u"/15u"/30u"/50u"

ELECTRICAL

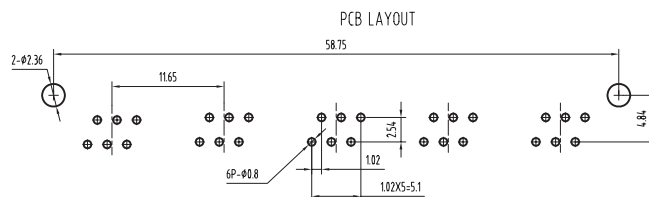
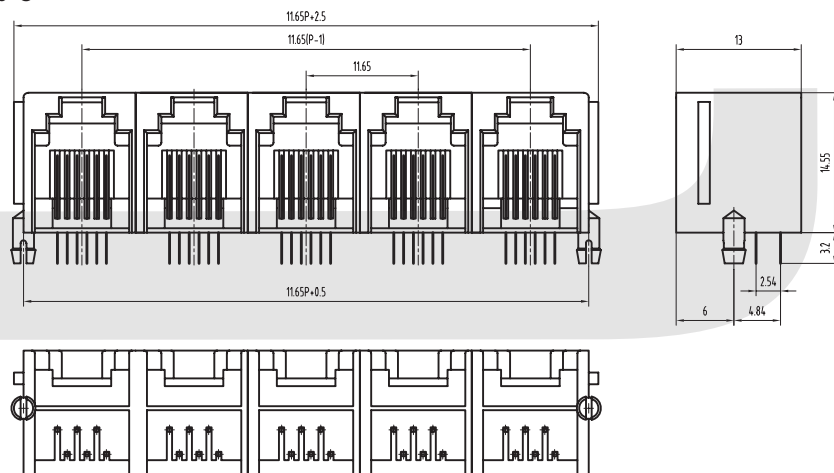
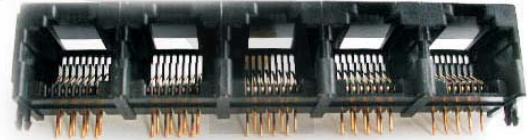
- 1.Current Rating:1.5Amp
- 2.Voltage Rating:125VAC
- 3.Contact Resistance : 30M Ω Max.
- 4.Insulation Resistance : 500 M Ω Min @500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min
- 2.PCB Retention pre-solder : 1 LB Min

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



ORDER INFORMATION

KLS12-127 - 6P6C-1x5-W-B-XX-X

Part Number	Point NO.	Ports	Panel	Part Color	Gold Thickness	Plastic
6P6C	Point	1x2-2 Ports	W-With Panel	1-Black	01-Fu"	1-Nylon
6P4C	Point	1x3-3 Ports	W/O-Without Panel	2-Gray	02-3u"	2-PBT
6P2C	Point	1x4-4 Ports		3-White	03-6u"	3-ABS
		1x5-4 Ports		4-IV	04-15u"	
		1x6-6 Ports			05-30u"	
		1x8-8 Ports			06-50u"	

PCB Modular Jack Series

KLS12-127-6P PCB Modular Jack 55 Series 1x6 Ports

MATERIAL

- 1.Housing Material : Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color : Black, Gray, Ivory, White or others
- 3.Contact Material : Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.PLATING: Gold plating over nickel. Gold plating thickness
1.5u"/3u"/6u"/15u"/30u"/50u"

ELECTRICAL

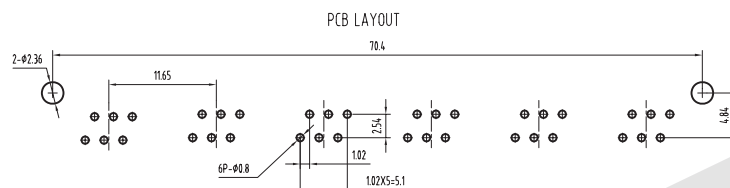
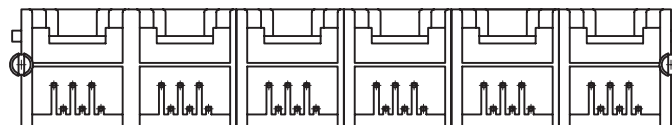
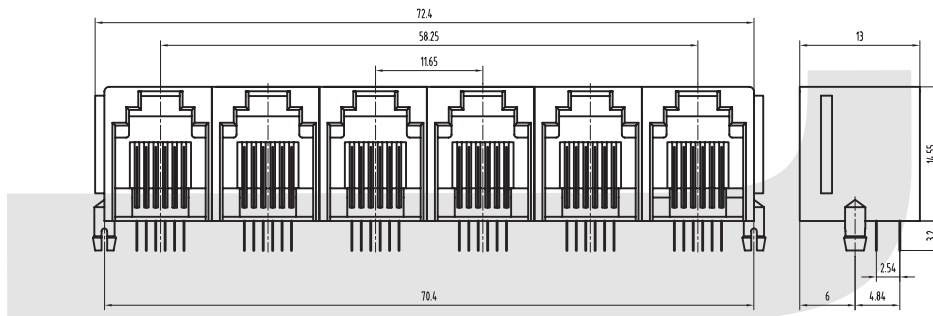
- 1.Current Rating:1.5Amp
- 2.Voltage Rating:125VAC
- 3.Contact Resistance : 30M Ω Max.
- 4.Insulation Resistance : 500 M Ω Min @500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min
- 2.PCB Retention pre-solder : 1 LB Min

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



ORDER INFORMATION

KLS12-127 - 6P6C-1x6-W-B-XX-X

Part Number	Point NO.	Ports	Panel	Part Color	Gold Thickness	Plastic
6P6C	Point	1x2-2 Ports	W-With Panel	1-Black	01-Fu"	1-Nylon
6P4C	Point	1x3-3 Ports	W/O-Without Panel	2-Gray	02-3u"	2-PBT
6P2C	Point	1x4-4 Ports		3-White	03-6u"	3-ABS
		1x5-4 Ports		4-IV	04-15u"	
		1x6-6 Ports			05-30u"	
		1x8-8 Ports			06-50u"	

PCB Modular Jack Series

KLS12-127-6P PCB Modular Jack 55 Series 1x8 Ports

MATERIAL

- 1.Housing Material : Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color : Black, Gray, Ivory, White or others
- 3.Contact Material : Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.PLATING: Gold plating over nickel. Gold plating thickness
1.5u"/3u"/6u"/15u"/30u"/50u"

ELECTRICAL

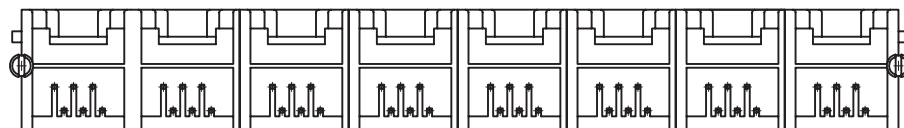
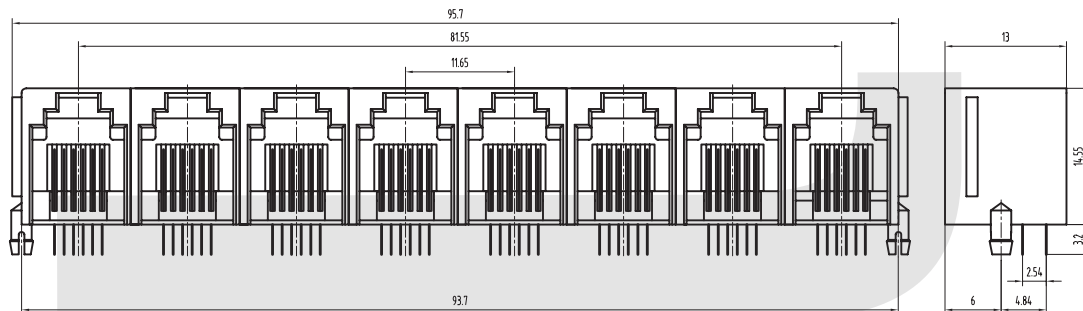
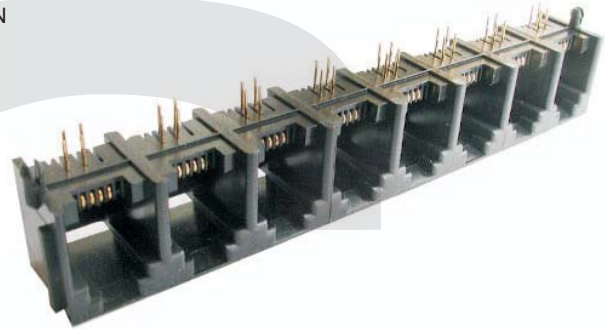
- 1.Current Rating:1.5Amp
- 2.Voltage Rating:125VAC
- 3.Contact Resistance : 30M Ω Max.
- 4.Insulation Resistance : 500 M Ω Min @500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

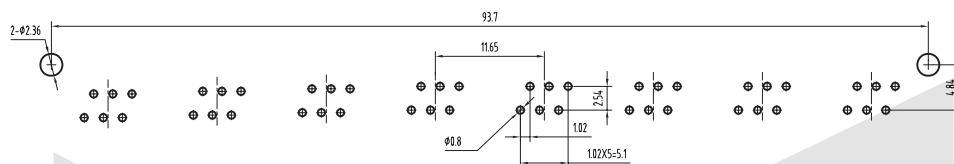
- 1.Durability : 750 cycles Min
- 2.PCB Retention pre-solder : 1 LB Min

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



PCB LAYOUT



ORDER INFORMATION

KLS12-127 - 6P6C-1x8-W-B-XX-X

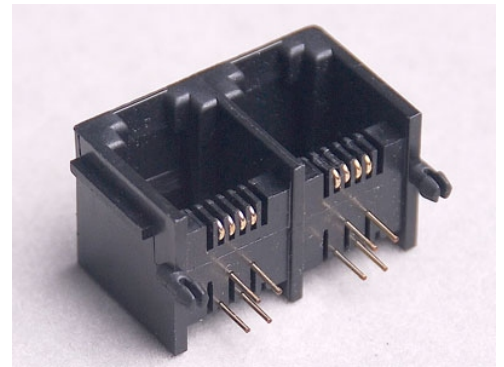
Part Number	Point NO.	Ports	Panel	Part Color	Gold Thickness	Plastic
6P6C	Point	1x2-2 Ports	W-With Panel	1-Black	01-Fu"	1-Nylon
6P4C	Point	1x3-3 Ports	W/O-Without Panel	2-Gray	02-3u"	2-PBT
6P2C	Point	1x4-4 Ports		3-White	03-6u"	3-ABS
		1x5-4 Ports		4-IV	04-15u"	
		1x6-6 Ports			05-30u"	
		1x8-8 Ports			06-50u"	

P/N: KLS12-128-6P4C-2

Electrical

I

- 1.Current Rating:1.5 amps
- 2.Voltage Rating:125vac
- 3.Insulation Resistance:500 MΩmin
- 4.Contact Resistance:30 MΩmax
- 5.Withstanding Voltage:AC 1000V RMS 50Hz or 60Hz 1 min

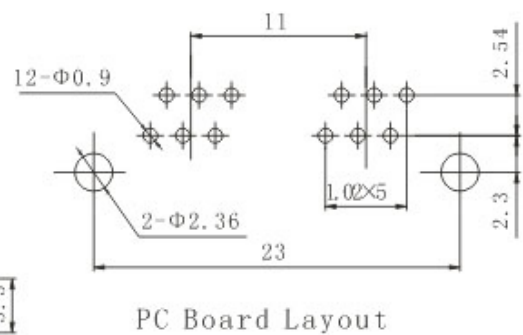
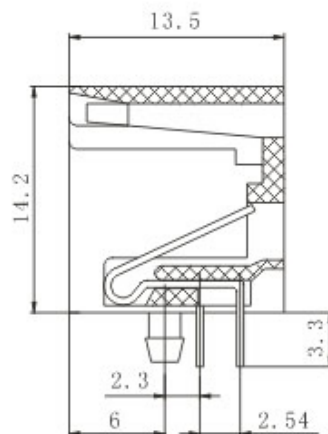
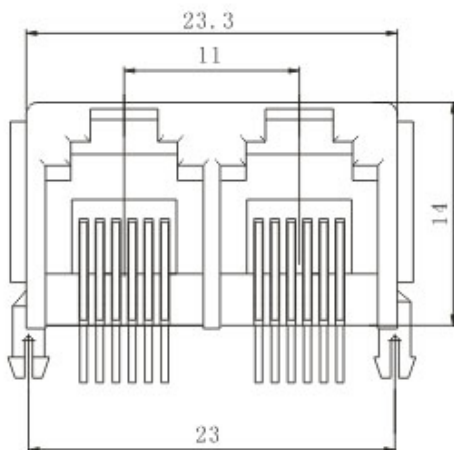


Mechanical

- 1.Insertion Force:2.2KG.F max
- 2.Retention Strength:7.7KG.F min between jack and plug
- 3.Durability:600 mating cycles min

Material

- 1.Housing:ABS RESIN(UL94V-0) PBT(UL94V-0) PA66(UL94V-0) PA46(UL94V-0)
- 2.Contact Wire:Diameter 0.45mm phosphor bronze gold plating over nickel
0.35mm thickness phosphor bronze alloy selective gold plating over nickel
- 3.Shield:0.20~0.25mm thickness brass with tin plated



PCB Modular Jack Series

KLS12-133-8P PCB Modular Jack 55 Series

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or others
- 3.Contact Material: Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.PLATING: Gold plating over nickel. Gold plating thickness
1.5u" / 3u" / 6u" / 15u" / 30u" / 50u"

ELECTRICAL

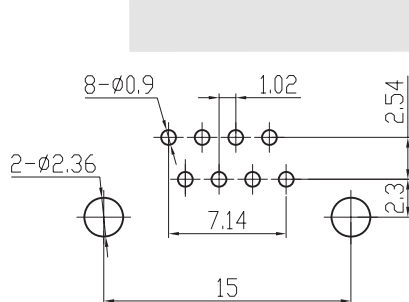
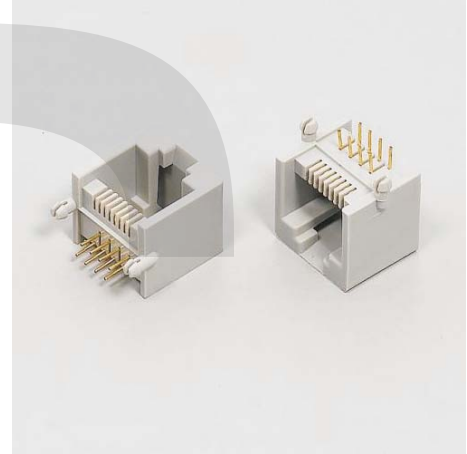
- 1.Current Rating: 1.5 Amp
- 2.Voltage Rating: 125VAC
- 3.Contact Resistance: 30 M Ω Max.
- 4.Insulation Resistance: 500 M Ω Min. @ 500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

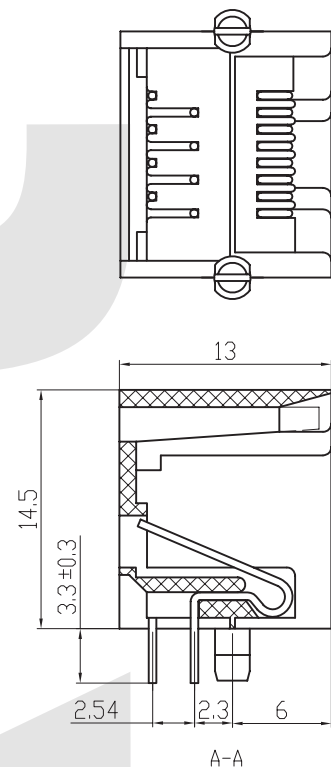
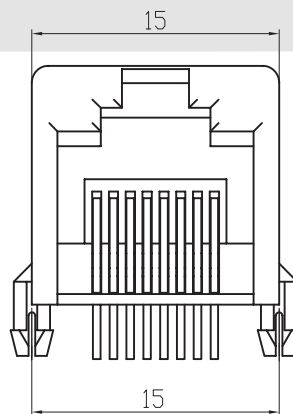
- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



PC Board Layout



ORDER INFORMATION

KLS12-133- 8P8C-W/O-B-XX-X

Part Number	Point NO.	Panel	Part Color	Gold Thickness	Plastic
	8P8C Point	W-With Panel W/O-Without Panel	1-Black 2-Gray 3-White 4-IV	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u"	1-Nylon 2-PBT 3-ABS

PCB Modular Jack Series

KLS12-133-8P PCB Modular Jack 55 Series

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or others
- 3.Contact Material: Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.PLATING: Gold plating over nickel. Gold plating thickness
1.5u" / 3u" / 6u" / 15u" / 30u" / 50u"

ELECTRICAL

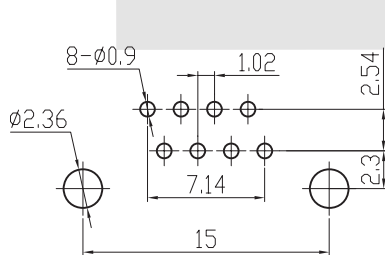
- 1.Current Rating: 1.5 Amp
- 2.Voltage Rating: 125VAC
- 3.Contact Resistance: 30 M Ω Max.
- 4.Insulation Resistance: 500 M Ω Min. @ 500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

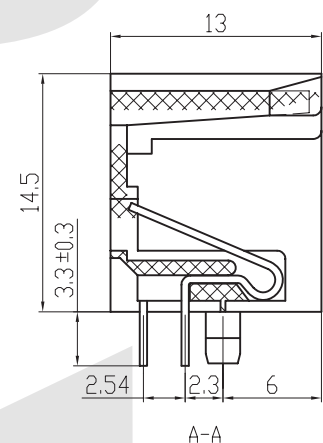
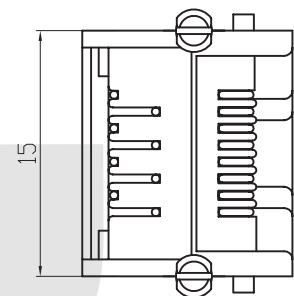
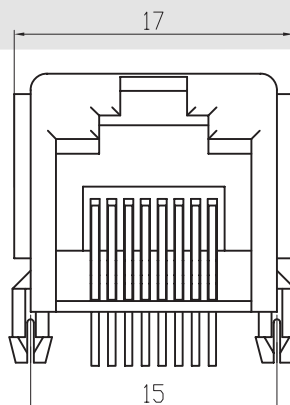
- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



PC Board Layout



ORDER INFORMATION

KLS12-133- 8P8C- W -B-XX-X

Part Number	Point NO.	Panel	Part Color	Gold Thickness	Plastic
	8P8C Point	W-With Panel W/O-Without Panel	1-Black 2-Gray 3-White 4-IV	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u"	1-Nylon 2-PBT 3-ABS

PCB Modular Jack Series

KLS12-135-4P PCB Modular Jack 53 Series

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or others
- 3.Contact Material: Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.PLATING: Gold plating over nickel. Gold plating thickness
1.5u" / 3u" / 6u" / 15u" / 30u" / 50u"

ELECTRICAL

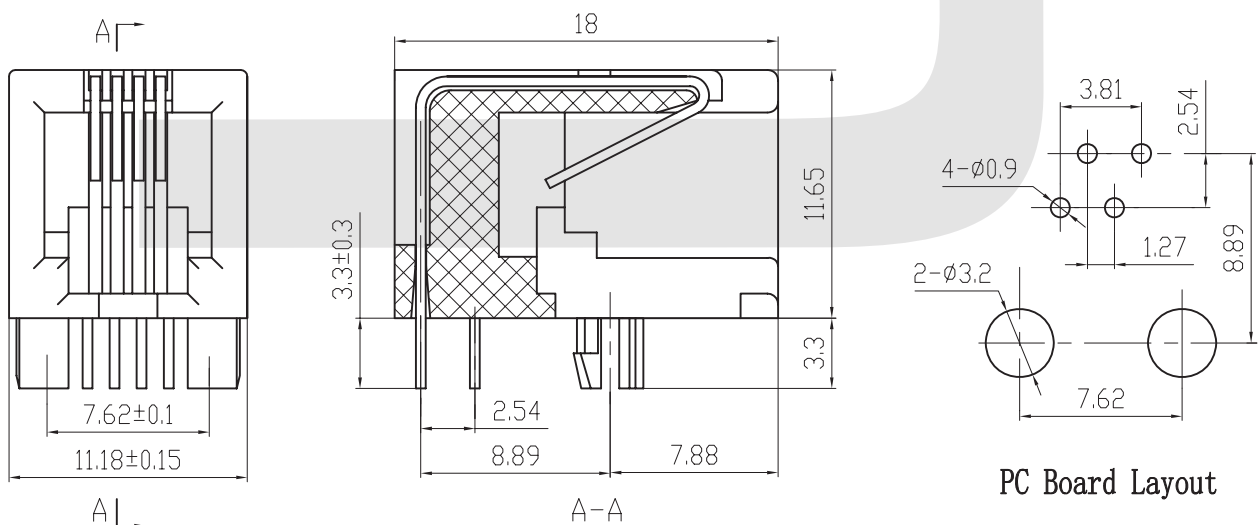
- 1.Current Rating: 1.5 Amp
- 2.Voltage Rating: 125VAC
- 3.Contact Resistance: 30 M Ω Max.
- 4.Insulation Resistance: 500 M Ω Min. @ 500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



ORDER INFORMATION

KLS12-135 - 4P4C-B-XX-X

Part Number	Point NO.	Part Color	Gold Thickness	Plastic
	4P4C Point	1-Black	01-Fu"	1-Nylon
	4P2C Point	2-Gray	02-3u"	2-PBT
		3-White	03-6u"	3-ABS
		4-IV	04-15u"	
			05-30u"	
			06-50u"	

PCB Modular Jack Series

KLS12-136-6P PCB Modular Jack 53 Series

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or others
- 3.Contact Material: Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.PLATING: Gold plating over nickel. Gold plating thickness
1.5u"/3u"/6u"/15u"/30u"/50u"

ELECTRICAL

- 1.Current Rating: 1.5 Amp
- 2.Voltage Rating: 125VAC
- 3.Contact Resistance: 30 M Ω Max.
- 4.Insulation Resistance: 500 M Ω Min. @ 500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

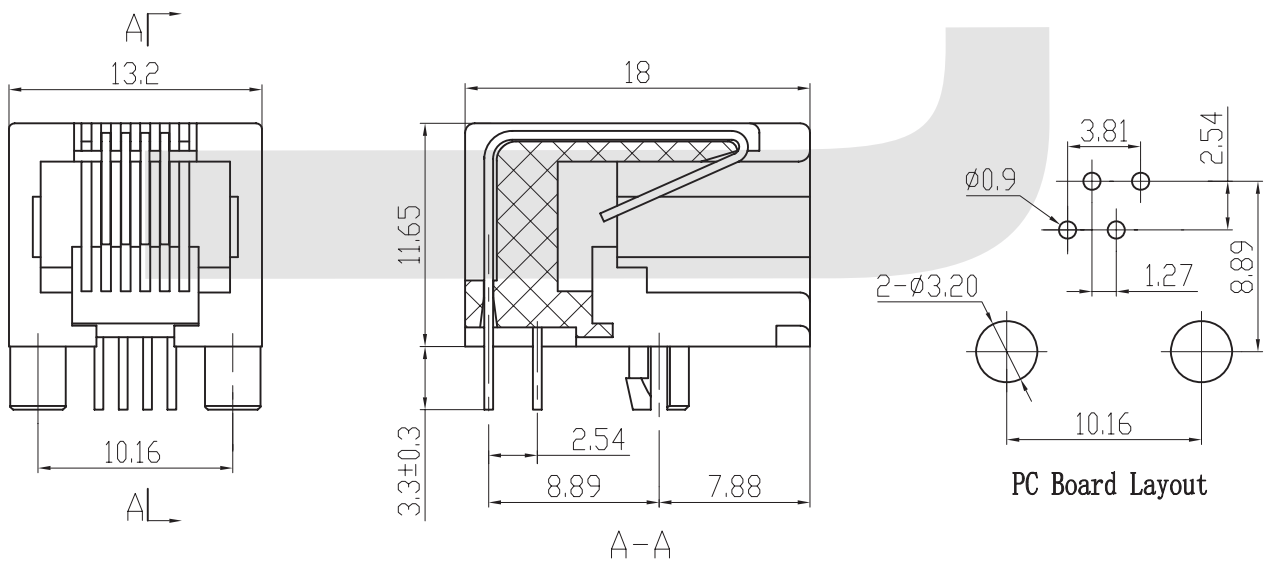
- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



XII



ORDER INFORMATION

KLS12-136 - 6P6C-B-XX-X

Part Number	Point NO.	Part Color	Gold Thickness	Plastic
6P6C	Point	1-Black	01-Fu"	1-Nylon
6P4C	Point	2-Gray	02-3u"	2-PBT
6P2C	Point	3-White	03-6u"	3-ABS
		4-IV	04-15u"	
			05-30u"	
			06-50u"	

PCB Modular Jack Series

KLS12-138-8P PCB Modular Jack 53 Series

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or others
- 3.Contact Material: Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.PLATING: Gold plating over nickel. Gold plating thickness
1.5u" / 3u" / 6u" / 15u" / 30u" / 50u"

ELECTRICAL

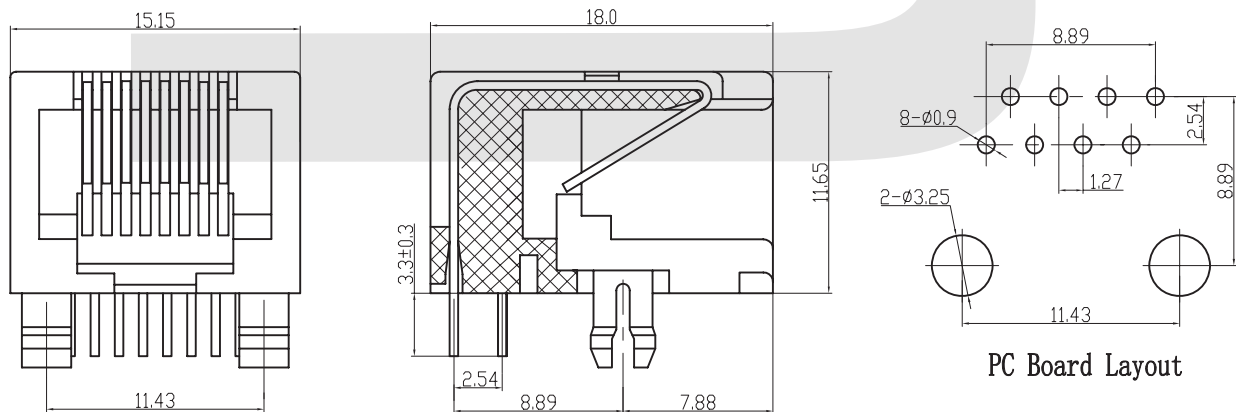
- 1.Current Rating: 1.5 Amp
- 2.Voltage Rating: 125VAC
- 3.Contact Resistance: 30 M Ω Max.
- 4.Insulation Resistance: 500 M Ω Min. @ 500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



ORDER INFORMATION

KLS12-138 - 8P8C-B-XX-X

Part Number	Point NO.	Part Color	Gold Thickness	Plastic
	8P8C Point	1-Black	01-Fu"	1-Nylon
	8P6C Point	2-Gray	02-3u"	2-PBT
	8P4C Point	3-White	03-6u"	3-ABS
		4-IV	04-15u"	
			05-30u"	
			06-50u"	

PCB Modular Jack Series

KLS12-139-8P PCB Modular Jack 53 Series With Shield

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or others
- 3.Contact Material: Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.PLATING: Gold plating over nickel. Gold plating thickness
1.5u"/3u"/6u"/15u"/30u"/50u"
- 5.SHIELD: 0.23 Thickness Brass with nickel plated

ELECTRICAL

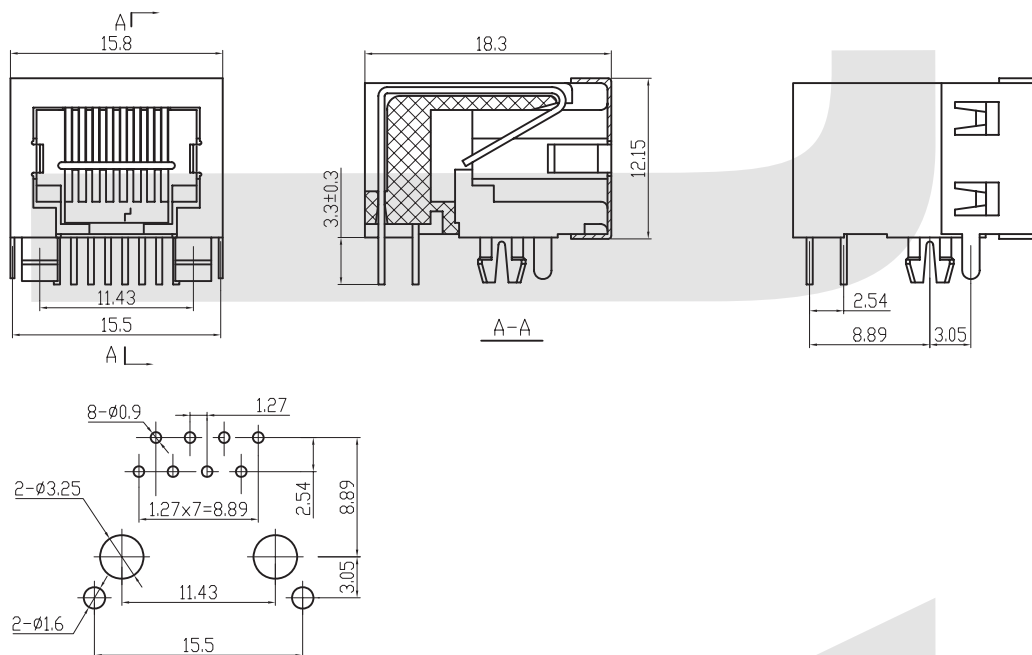
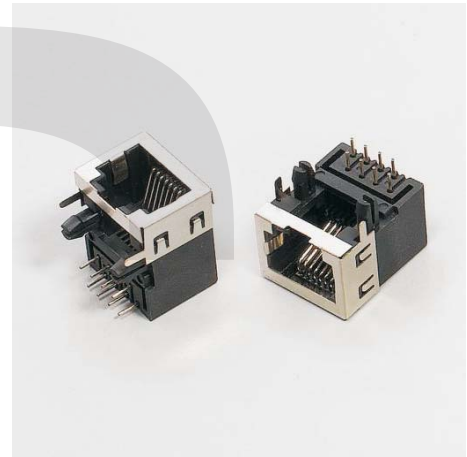
- 1.Current Rating: 1.5 Amp
- 2.Voltage Rating: 125VAC
- 3.Contact Resistance: 30 M Ω Max.
- 4.Insulation Resistance: 500 M Ω Min. @ 500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



PC Board Layout

ORDER INFORMATION

KLS12-139 - 8P8C-H-XX-X

Part Number	Point NO.	Shielded	Gold Thickness	Plastic
	8P8C Point 8P4C Point	H-Half Shielded	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u"	1-Nylon 2-PBT 3-ABS

PCB Modular Jack Series

KLS12-143-4P PCB Modular Jack 57 Series

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or Others
- 3.Contact Material: Phosphor Bronze 0.35mm Flat Pin
- 4.PLATING: Gold plating over nickel. Gold plating thickness
1.5u" / 3u" / 6u" / 15u" / 30u" / 50u"

ELECTRICAL

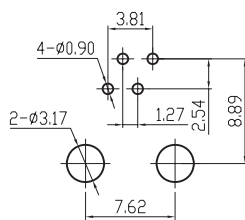
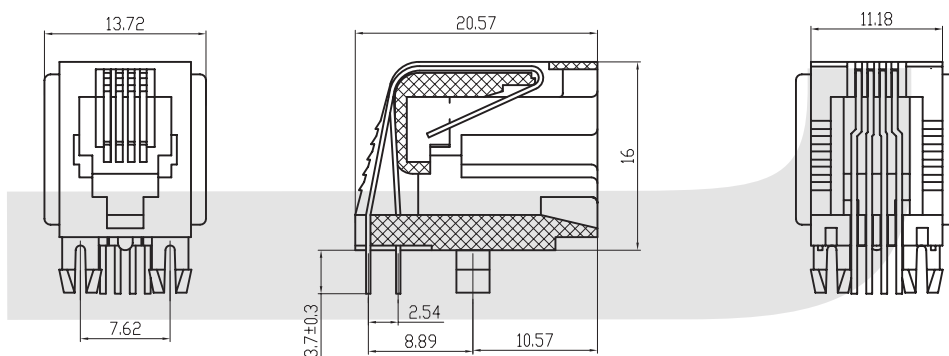
- 1.Current Rating:1.5Amp
- 2.Voltage Rating:125VAC
- 3.Contact Resistance: 30 MΩ Max.
- 4.Insulation Resistance: 500 MΩ Min. @500VDC
- 5.Withstanding Voltage:1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



PC Board Layout

ORDER INFORMATION

KLS12-143 - 4P4C-W-B-XX-X

Part Number	Point NO.	Panel	Part Color	Gold Thickness	Plastic
	4P4C Point 4P2C Point	W-With Panel W/O-Without Panel	1-Black 2-Gray 3-White 4-IV	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u"	1-Nylon 2-PBT 3-ABS

PCB Modular Jack Series

KLS12-144-6P PCB Modular Jack 57 Series

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or Others
- 3.Contact Material: Phosphor Bronze 0.35mm Flat Pin
- 4.PLATING: Gold plating over nickel. Gold plating thickness
1.5u" / 3u" / 6u" / 15u" / 30u" / 50u"

ELECTRICAL

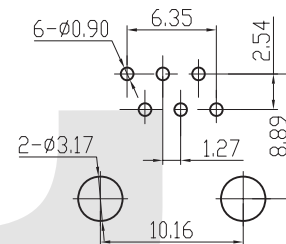
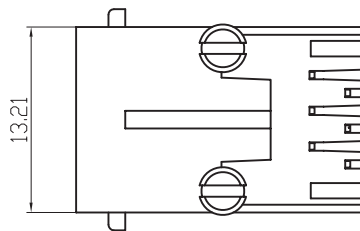
- 1.Current Rating:1.5Amp
- 2.Voltage Rating:125VAC
- 3.Contact Resistance: 30 MΩ Max.
- 4.Insulation Resistance: 500 MΩ Min. @500VDC
- 5.Withstanding Voltage:1000VAC RMS 50Hz 1 minute

MECHANICAL

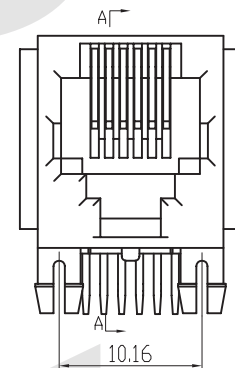
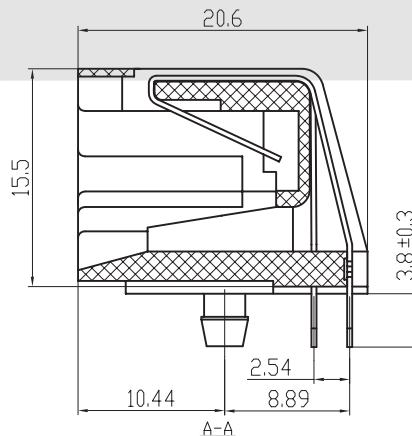
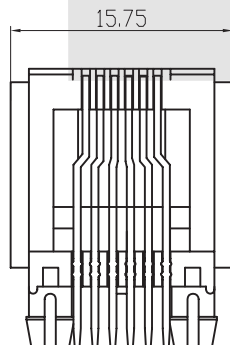
- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



PC Board Layout



ORDER INFORMATION

KLS12-144 - 6P6C-W-B-XX-X

Part Number	Point NO.	Panel	Part Color	Gold Thickness	Plastic
	6P6C Point	W-With Panel	1-Black	01-Fu"	1-Nylon
	6P4C Point	W/O-Without Panel	2-Gray	02-3u"	2-PBT
	6P2C Point		3-White	03-6u"	3-ABS
			4-IV	04-15u"	
				05-30u"	
				06-50u"	

PCB Modular Jack Series

KLS12-145-8P PCB Modular Jack 57 Series

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
2.Housing Color: Black, Gray, Ivory, White or Others
3.Contact Material: Phosphor Bronze 0.35mm Flat Pin
4.PLATING: Gold plating over nickel. Gold plating thickness
1.5u "/ 3u "/ 6u "/ 15u "/ 30u "/ 50u "

ELECTRICAL

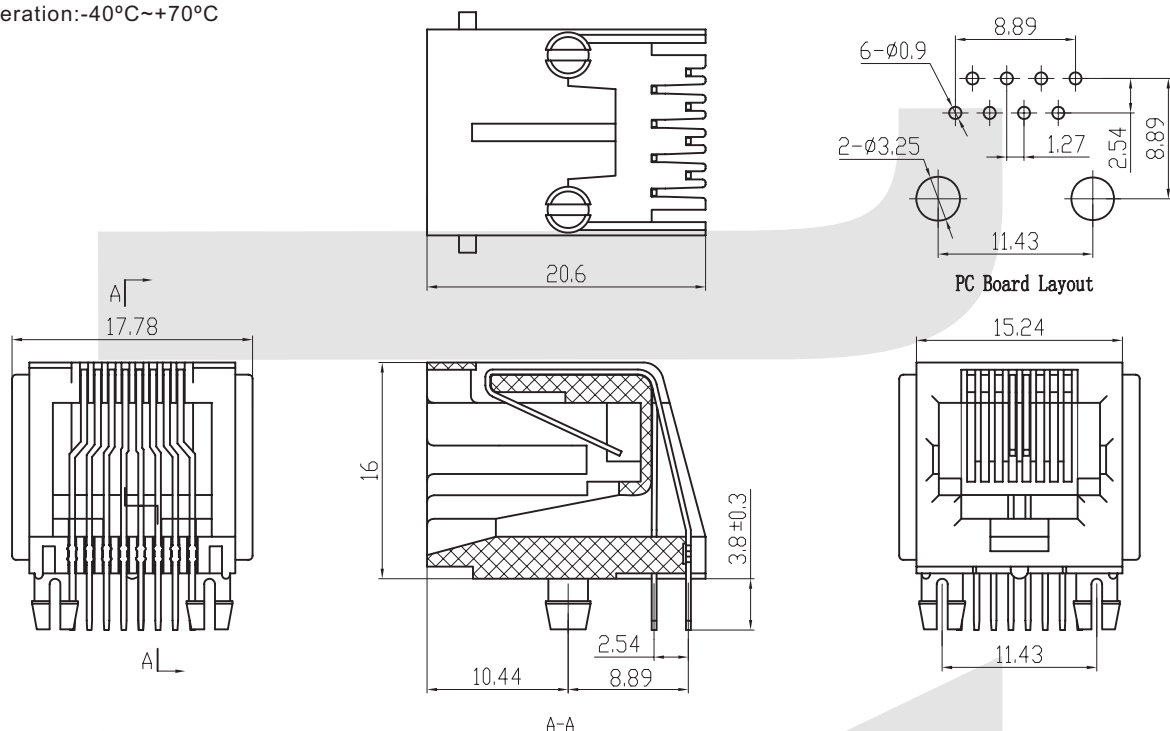
- 1.Current Rating:1.5Amp
- 2.Voltage Rating:125VAC
- 3.Contact Resistance: 30 MΩ Max.
- 4.Insulation Resistance: 500 MΩ Min. @500VDC
- 5.Withstanding Voltage:1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min.
2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
2.Operation:-40°C~+70°C



ORDER INFORMATION

KLS12-145 - 8P8C-W-B-XX-X

Part Number	Point NO.	Panel	Part Color	Gold Thickness	Plastic
8P8C	Point	W-With Panel	1-Black	01-Fu"	1-Nylon
8P6C	Point	W/O-Without Panel	2-Gray	02-3u"	2-PBT
8P4C	Point		3-White	03-6u"	3-ABS
			4-IV	04-15u"	
				05-30u"	
				06-50u"	

Communication Accessories

PCB Modular Jack Series

KLS12-146-4P PCB Modular Jack 57 Series

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or Others
- 3.Contact Material: Phosphor Bronze 0.35mm Flat Pin
- 4.PLATING: Gold plating over nickel. Gold plating thickness
1.5u" / 3u" / 6u" / 15u" / 30u" / 50u"

ELECTRICAL

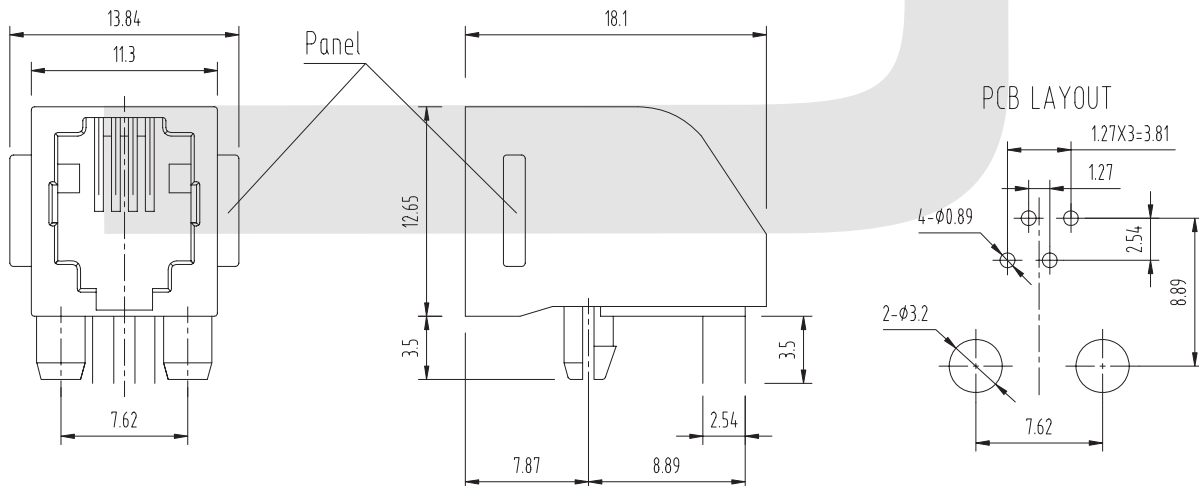
- 1.Current Rating:1.5Amp
- 2.Voltage Rating:125VAC
- 3.Contact Resistance: 30 MΩ Max.
- 4.Insulation Resistance: 500 MΩ Min. @500VDC
- 5.Withstanding Voltage:1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



ORDER INFORMATION

KLS12-146 - 4P4C-W-B-XX-X

Part Number	Point NO.	Panel	Part Color	Gold Thickness	Plastic
	4P4C Point 4P2C Point	W-With Panel W/O-Without Panel	1-Black 2-Gray 3-White 4-IV	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u"	1-Nylon 2-PBT 3-ABS

PCB Modular Jack Series

KLS12-147-6P PCB Modular Jack 57 Series

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or Others
- 3.Contact Material: Phosphor Bronze 0.35mm Flat Pin
- 4.PLATING: Gold plating over nickel. Gold plating thickness
1.5u" / 3u" / 6u" / 15u" / 30u" / 50u"

ELECTRICAL

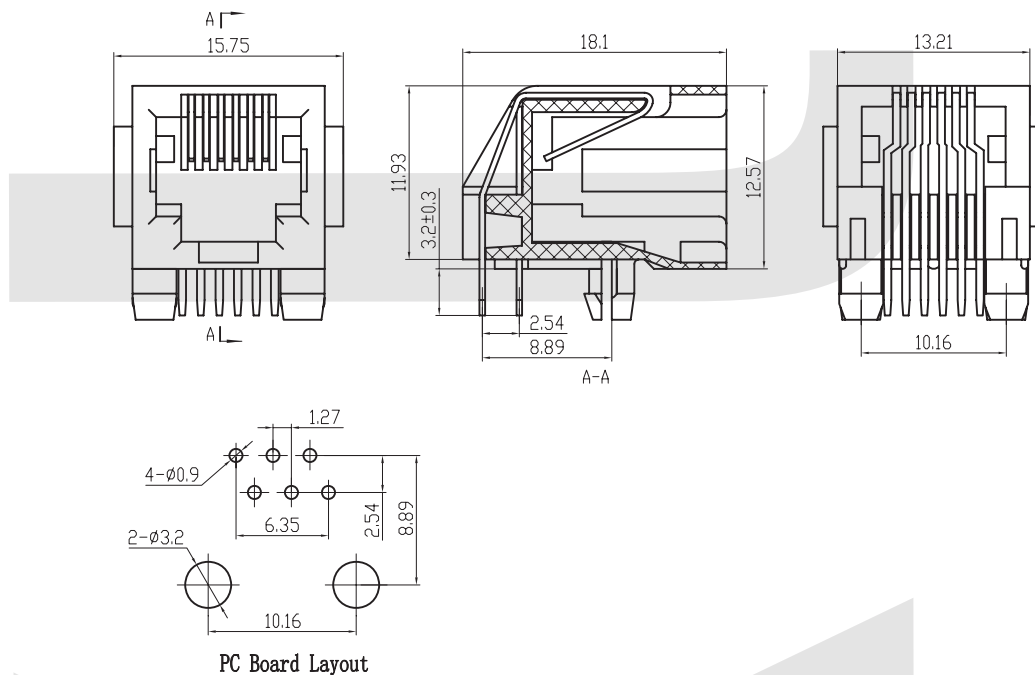
- 1.Current Rating:1.5Amp
- 2.Voltage Rating:125VAC
- 3.Contact Resistance: 30 MΩ Max.
- 4.Insulation Resistance: 500 MΩ Min. @500VDC
- 5.Withstanding Voltage:1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



ORDER INFORMATION

KLS12-147 - 6P6C-W-B-XX-X

Part Number	Point NO.	Panel	Part Color	Gold Thickness	Plastic
	6P6C Point	W-With Panel	1-Black	01-Fu"	1-Nylon
	6P4C Point	W/O-Without Panel	2-Gray	02-3u"	2-PBT
	6P2C Point		3-White	03-6u"	3-ABS
			4-IV	04-15u"	
				05-30u"	
				06-50u"	

PCB Modular Jack Series

KLS12-148-8P PCB Modular Jack 57 Series

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or Others
- 3.Contact Material: Phosphor Bronze 0.35mm Flat Pin
- 4.PLATING: Gold plating over nickel. Gold plating thickness
1.5u"/3u"/6u"/15u"/30u"/50u"

ELECTRICAL

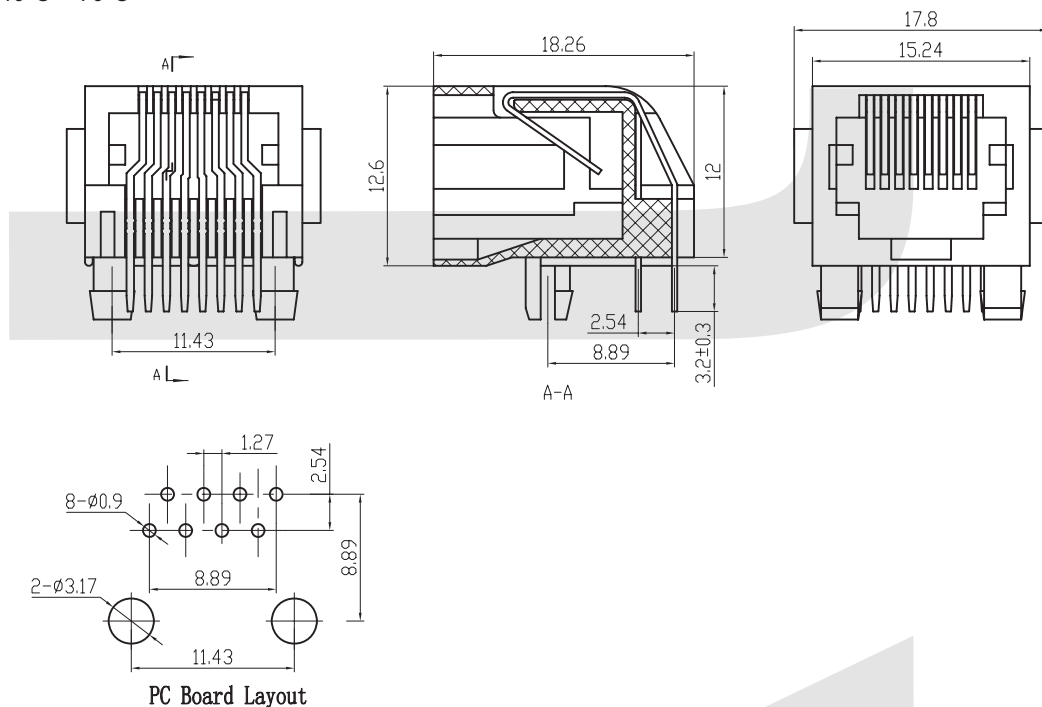
- 1.Current Rating:1.5Amp
- 2.Voltage Rating:125VAC
- 3.Contact Resistance: 30 MΩ Max.
- 4.Insulation Resistance: 500 MΩ Min. @500VDC
- 5.Withstanding Voltage:1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



ORDER INFORMATION

KLS12-148 - 8P8C-W-B-XX-X

Part Number	Point NO.	Panel	Part Color	Gold Thickness	Plastic
8P8C	Point	W-With Panel	1-Black	01-Fu"	1-Nylon
8P6C	Point	W/O-Without Panel	2-Gray	02-3u"	2-PBT
8P4C	Point		3-White	03-6u"	3-ABS
			4-IV	04-15u"	
				05-30u"	
				06-50u"	

PCB Modular Jack Series

KLS12-149-4P PCB Modular Jack 59 Series

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or Others
- 3.Contact Material: Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.Plating: Gold plating over nickel. Gold plating thickness
1.5u" / 3u" / 6u" / 15u" / 30u" / 50u"

ELECTRICAL

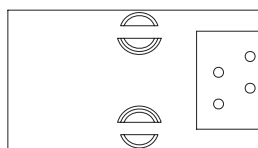
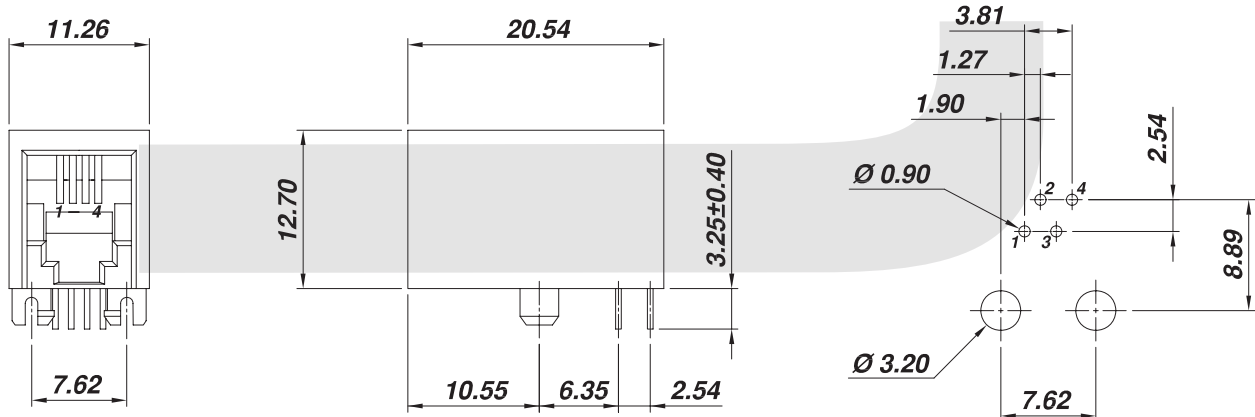
- 1.Current Rating:1.5Amp
- 2.Voltage Rating:125VAC
- 3.Contact Resistance: 30 M Ω Max.
- 4.Insulation Resistance: 500 M Ω Min. @500VDC
- 5.Withstanding Voltage:1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



PCB LAYOUT
(Top View)

ORDER INFORMATION

KLS12-149 - 4P4C-W-B-XX-X

Part Number	Point NO.	Panel	Part Color	Gold Thickness	Plastic
	4P4C Point	W-With Panel	1-Black	01-Fu"	1-Nylon
	4P2C Point	W/O-Without Panel	2-Gray	02-3u"	2-PBT
			3-White	03-6u"	3-ABS
			4-IV	04-15u"	
				05-30u"	
				06-50u"	

PCB Modular Jack Series

KLS12-150-6P PCB Modular Jack 59 Series

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or Others
- 3.Contact Material: Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.Plating: Gold plating over nickel. Gold plating thickness
1.5u" / 3u" / 6u" / 15u" / 30u" / 50u"

ELECTRICAL

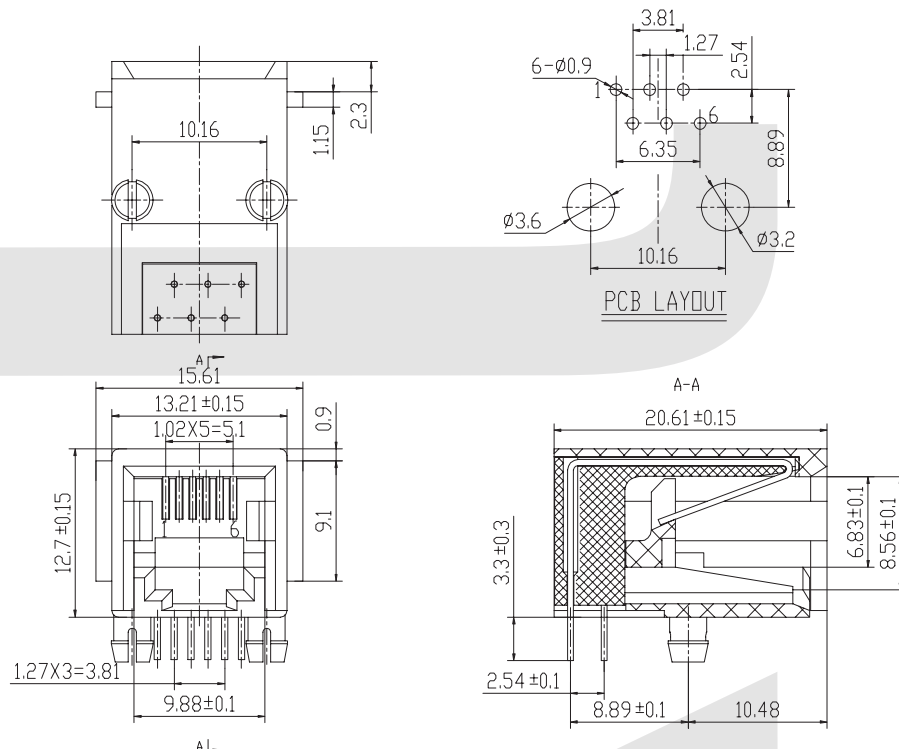
- 1.Current Rating:1.5Amp
- 2.Voltage Rating:125VAC
- 3.Contact Resistance: 30 M Ω Max.
- 4.Insulation Resistance: 500 M Ω Min. @500VDC
- 5.Withstanding Voltage:1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



ORDER INFORMATION

KLS12-150 - 6P6C-W-B-XX-X

Part Number	Point NO.	Panel	Part Color	Gold Thickness	Plastic
6P6C	Point	W-With Panel	1-Black	01-Fu"	1-Nylon
6P4C	Point	W/O-Without Panel	2-Gray	02-3u"	2-PBT
6P2C	Point		3-White	03-6u"	3-ABS
			4-IV	04-15u"	
				05-30u"	
				06-50u"	

PCB Modular Jack Series

KLS12-151-8P PCB Modular Jack 59Series

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or Others
- 3.Contact Material: Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.Plating: Gold plating over nickel. Gold plating thickness
1.5u" / 3u" / 6u" / 15u" / 30u" / 50u"

ELECTRICAL

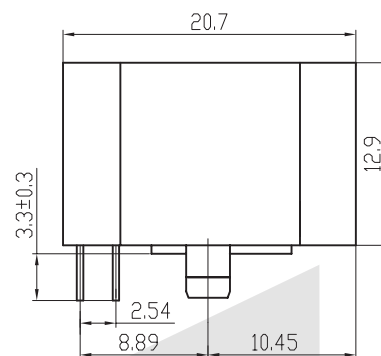
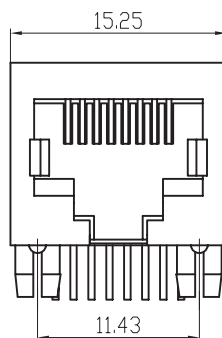
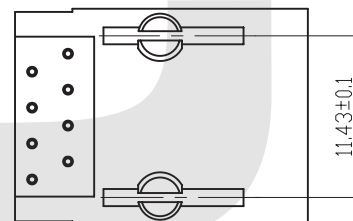
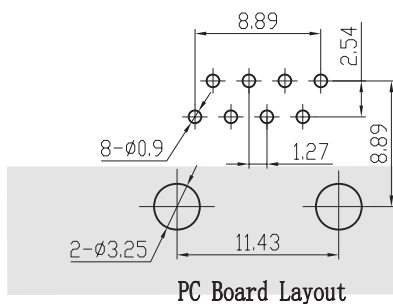
- 1.Current Rating:1.5Amp
- 2.Voltage Rating:125VAC
- 3.Contact Resistance: 30 M Ω Max.
- 4.Insulation Resistance: 500 M Ω Min. @500VDC
- 5.Withstanding Voltage:1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



ORDER INFORMATION

KLS12-151 - 8P8C-B-XX-X

Part Number	Point NO.	Part Color	Gold Thickness	Plastic
8P8C	Point	1-Black	01-Fu"	1-Nylon
8P6C	Point	2-Gray	02-3u"	2-PBT
8P4C	Point	3-White	03-6u"	3-ABS
		4-IV	04-15u"	
			05-30u"	
			06-50u"	

PCB Modular Jack Series

KLS12-152-6P PCB Modular Jack 52 Series

MATERIAL

- 1.Housing Material : Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color : Black, Gray, Ivory, White or others
- 3.Contact Material : Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.PLATING: Gold plating over nickel. Gold plating thickness
1.5u"/3u"/6u"/15u"/30u"/50u"

ELECTRICAL

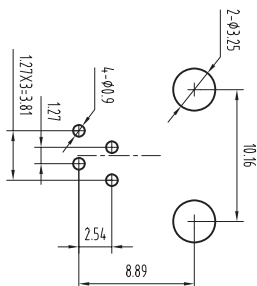
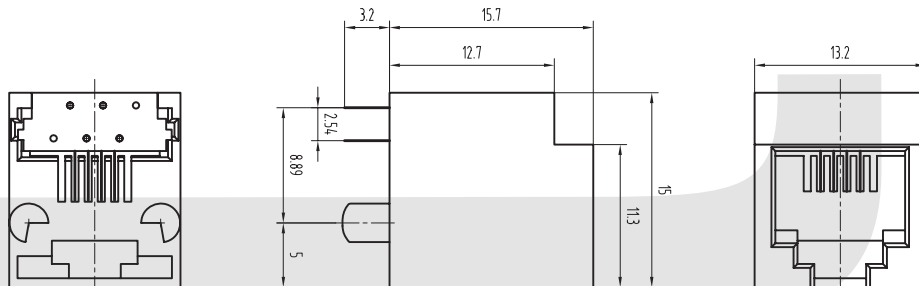
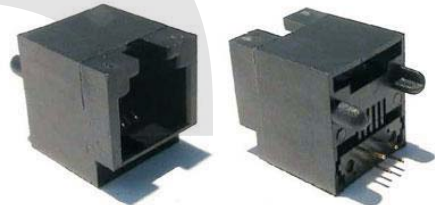
- 1.Current Rating:1.5Amp
- 2.Voltage Rating:125VAC
- 3.Contact Resistance : 30M Ω Max.
- 4.Insulation Resistance : 500 M Ω Min @500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

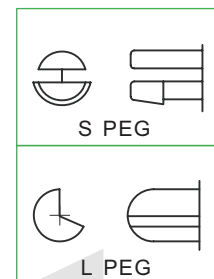
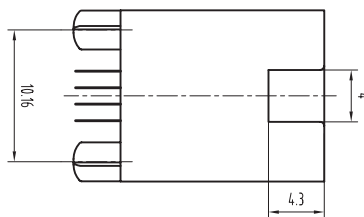
- 1.Durability : 750 cycles Min
- 2.PCB Retention pre-solder : 1 LB Min

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



PCB LAYOUT



ORDER INFORMATION

KLS12-152 - 6P6C-L-B-XX-X

Part Number	Point NO.	Peg	Part Color	Gold Thickness	Plastic
	6P6C Point	L-L Peg	1-Black	01-Fu"	1-Nylon
	6P4C Point	S-Split Peg	2-Gray	02-3u"	2-PBT
	6P2C Point		3-White	03-6u"	3-ABS
			4-IV	04-15u"	
				05-30u"	
				06-50u"	

PCB Modular Jack Series

KLS12-153-4P PCB Modular Jack 52 Series

MATERIAL

- 1.Housing Material : Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color : Black, Gray, Ivory, White or others
- 3.Contact Material : Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.PLATING: Gold plating over nickel. Gold plating thickness
1.5u"/3u"/6u"/15u"/30u"/50u"

ELECTRICAL

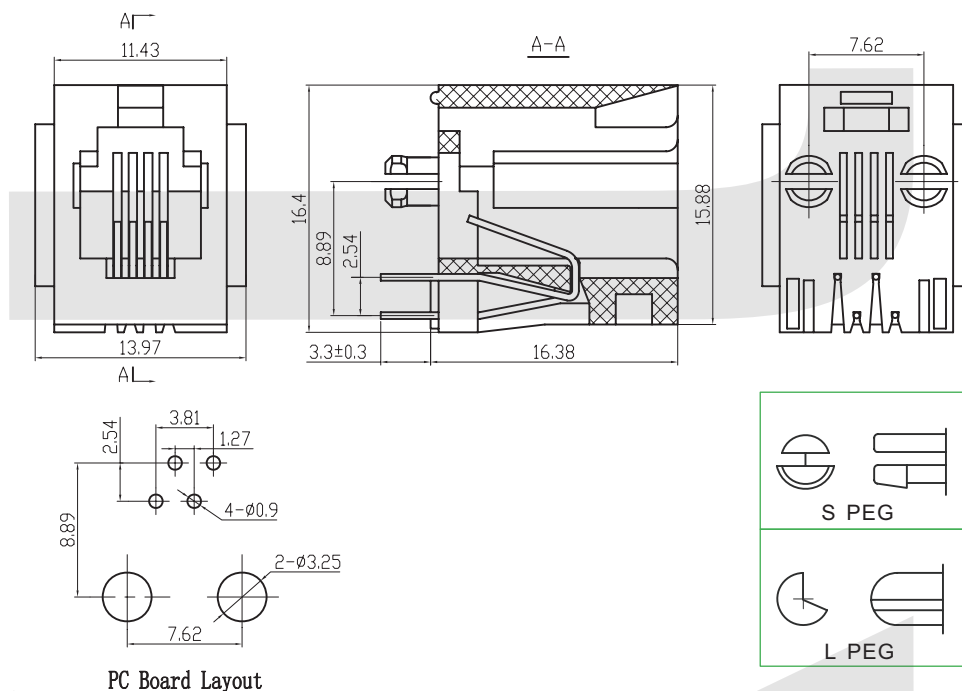
- 1.Current Rating:1.5Amp
- 2.Voltage Rating:125VAC
- 3.Contact Resistance : 30M Ω Max.
- 4.Insulation Resistance : 500 M Ω Min @500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min
- 2.PCB Retention pre-solder : 1 LB Min

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



ORDER INFORMATION

KLS12-153 - 4P4C-W-L-B-XX-X

Part Number	Point NO.	Panel	Peg	Part Color	Gold Thickness	Plastic
	4P4C Point 4P2C Point	W-With Panel W/O-Without Panel	L-L Peg S-Split Peg	1-Black 2-Gray 3-White 4-IV	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u"	1-Nylon 2-PBT 3-ABS

Communication Accessories

PCB Modular Jack Series

KLS12-154-6P PCB Modular Jack 52 Series

MATERIAL

- 1.Housing Material : Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color : Black, Gray, Ivory, White or others
- 3.Contact Material : Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.PLATING: Gold plating over nickel. Gold plating thickness
1.5u"/3u"/6u"/15u"/30u"/50u"

ELECTRICAL

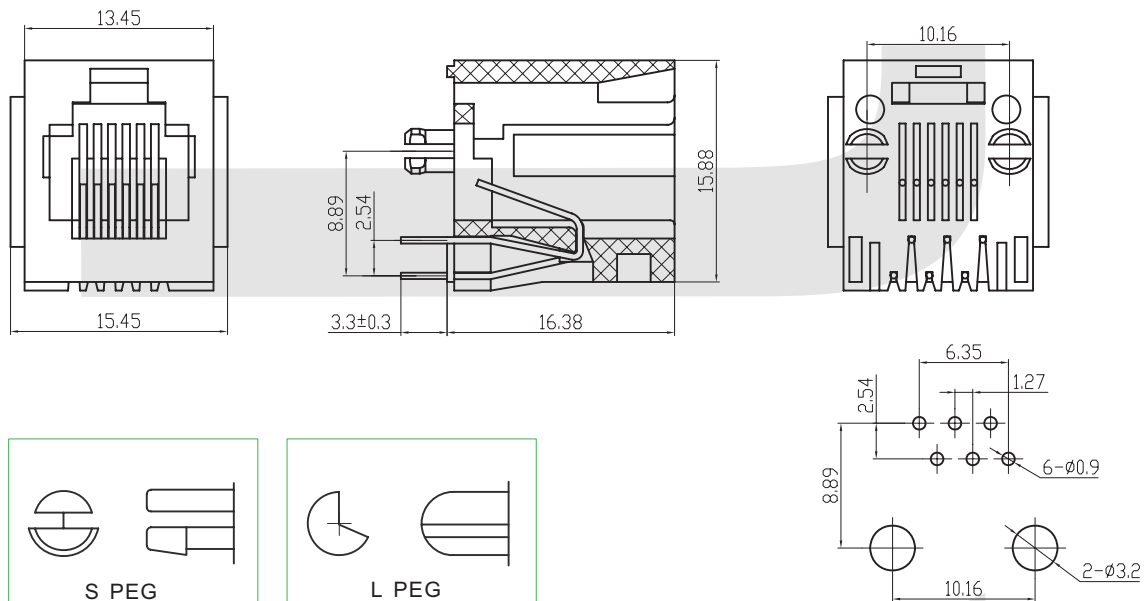
- 1.Current Rating:1.5Amp
- 2.Voltage Rating:125VAC
- 3.Contact Resistance : 30M Ω Max.
- 4.Insulation Resistance : 500 M Ω Min @500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min
- 2.PCB Retention pre-solder : 1 LB Min

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



PC Board Layout

ORDER INFORMATION

KLS12-154 - 6P6C-W-L-B-XX-X

Part Number	Point NO.	Panel	Peg	Part Color	Gold Thickness	Plastic
	6P6C Point	W-With Panel	L-L Peg	1-Black	01-Fu"	1-Nylon
	6P4C Point	W/O-Without Panel	S-Split Peg	2-Gray	02-3u"	2-PBT
	6P2C Point			3-White	03-6u"	3-ABS
				4-IV	04-15u"	
					05-30u"	
					06-50u"	

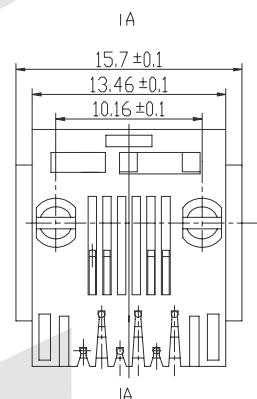
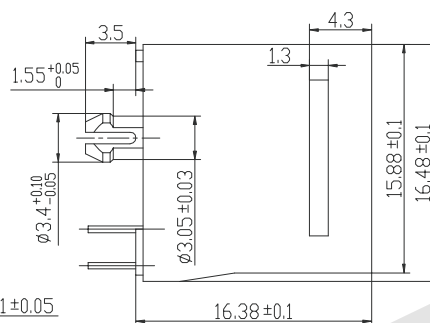
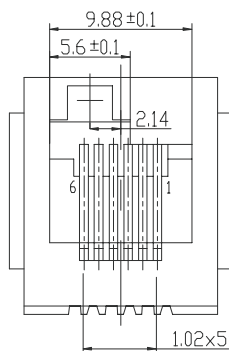
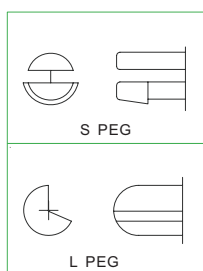
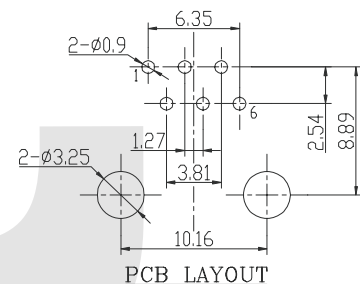
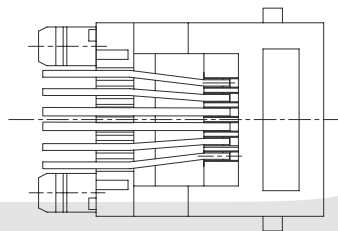
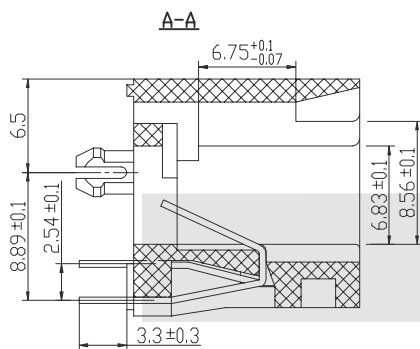
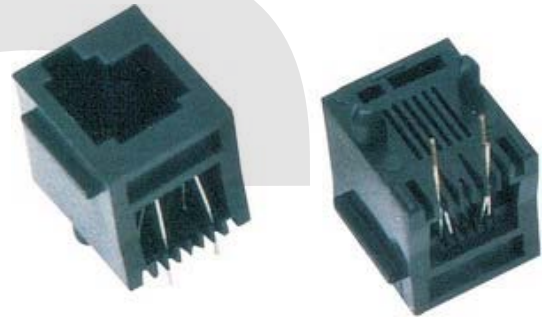
XII

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or others
- 3.Contact Material: Phosphor Bronze Φ0.46mm
- 4.PLATING: Gold plating over nickel. Gold plating thickness
1.5u "/ 3u " / 6u " / 15u " / 30u " / 50u "

- 1.Current Rating: 1.5 Amp
- 2.Voltage Rating: 125VAC
- 3.Contact Resistance: 30 MΩ Max.
- 4.Insulation Resistance: 500 MΩ Min. @ 500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

1.Durability : 750 cycles Min.
2.PCB Retention pre-solder : 1 LB MIN

1.Storage :-40°C~+80°C
2.Operation:-40°C~+70°C



KLS12-155 - 6P6C-W-L-B-XX-X

Part Number	Point NO.	Panel	Peg	Part Color	Gold Thickness	Plastic
6P6C	Point	W-With Panel	L-L Peg	1-Black	01-Fu"	1-Nylon
6P4C	Point	W/O-Without Panel	S-Split Peg	2-Gray	02-3u"	2-PBT
6P2C	Point			3-White	03-6u"	3-ABS
				4-IV	04-15u"	
					05-30u"	
					06-50u"	

PCB Modular Jack Series

KLS12-156-8P PCB Modular Jack 52 Series

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or others
- 3.Contact Material: Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.PLATING: Gold plating over nickel. Gold plating thickness
1.5u"/3u"/6u"/15u"/30u"/50u"

ELECTRICAL

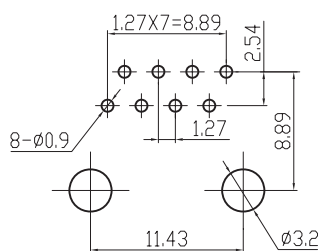
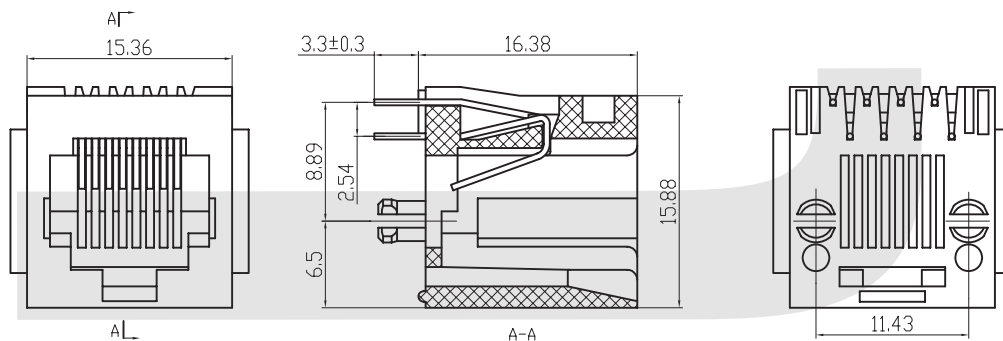
- 1.Current Rating: 1.5 Amp
- 2.Voltage Rating: 125VAC
- 3.Contact Resistance: 30 M Ω Max.
- 4.Insulation Resistance: 500 M Ω Min. @ 500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

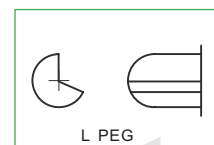
- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



PC Board Layout



ORDER INFORMATION

KLS12-156 - 8P8C-W-L-B-XX-X

Part Number	Point NO.	Panel	Peg	Part Color	Gold Thickness	Plastic
	8P8C Point	W-With Panel	L-L Peg	1-Black	01-Fu"	1-Nylon
	8P6C Point	W/O-Without Panel	S-Split Peg	2-Gray	02-3u"	2-PBT
	8P4C Point			3-White	03-6u"	3-ABS
				4-IV	04-15u"	
					05-30u"	
					06-50u"	

TELEPHONE PART

PCB Modular Jack Series

KLS12-157-8P PCB Modular Jack 52Series

MATERIAL

1. Housing Material : Glass Filled Polyester UL94V-0 PBT、NYLON
2. Housing Color : Black、 Gray、 Ivory、 White or Others
3. Contact Material : Phosphor Bronze $\Phi 0.46\text{mm}$
4. PLATING: Gold plating over nickel. Gold plating thickness
1. $5\mu"/3\mu"/6\mu"/15\mu"/30\mu"/50\mu"$
5. SHIELD : 0.23 Thickness Brass with nickel plated

ELECTRICAL

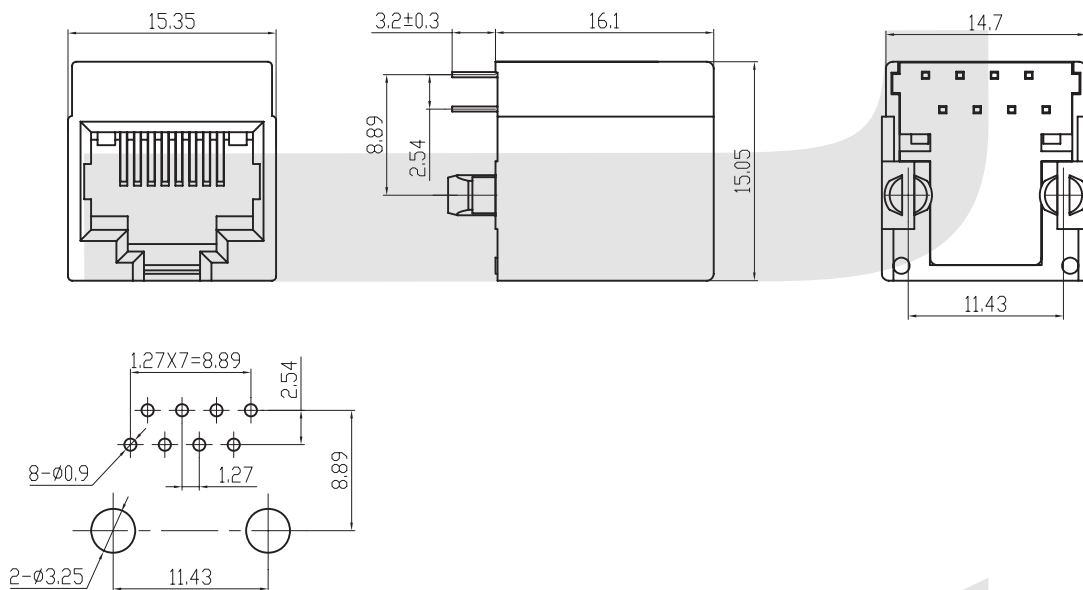
1. Current Rating : 1.5 Amp
2. Voltage Rating : 125 VAC RMS
3. Contact Resistance : 30 Milliohms Max.
4. Insulation Resistance : 500 Megohms Min @ 500 VDC
5. Dielectric Withstanding Voltage : 1000VAC RMS 50Hz 1 minute

MECHANICAL

1. DURABILITY : 750 CYCLES MIN
2. PCB RETENTION PRE-SOLDER : 1 LB MIN

ENVIRONMENTAL

1. STORAGE : $-40^{\circ}\text{C} \sim +80^{\circ}\text{C}$
2. OPERATION : $-40^{\circ}\text{C} \sim +70^{\circ}\text{C}$



PC Board Layout

ORDER INFORMATION

KLS12-157 - 8P8C-B-XX-X

Part Number	Point NO.	Part Color	Gold Thickness	Plastic
8P8C	Point	1-Black	01-Fu"	1-Nylon
8P6C	Point	2-Gray	02-3u"	2-PBT
8P4C	Point	3-White	03-6u"	3-ABS
		4-IV	04-15u"	
			05-30u"	
			06-50u"	

PCB Modular Jack Series

KLS12-158-8P PCB Modular Jack 52 Series With Shield

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or others
- 3.Contact Material: Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.PLATING: Gold plating over nickel. Gold plating thickness
1.5u" / 3u" / 6u" / 15u" / 30u" / 50u"
- 5.SHIELD: 0.23 Thickness Brass with nickel plated

ELECTRICAL

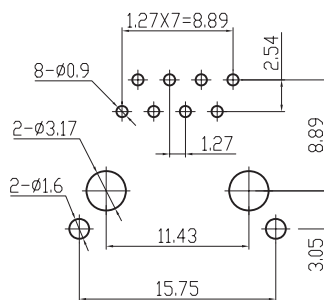
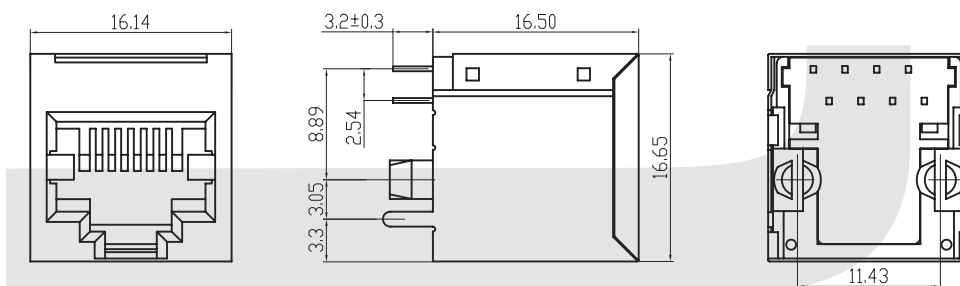
- 1.Current Rating: 1.5 Amp
- 2.Voltage Rating: 125VAC
- 3.Contact Resistance: 30 M Ω Max.
- 4.Insulation Resistance: 500 M Ω Min. @ 500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



PC Board Layout

ORDER INFORMATION

KLS12-158 - 8P8C-W-1x1-XX-X

Part Number	Point NO.	Shield	Ports	Gold Thickness	Plastic
	8P8C Point	W-With Shield	1x1-1 Ports 1x4-4 Ports	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u"	1-Nylon 2-PBT 3-ABS

PCB Modular Jack Series

KLS12-158-8P PCB Modular Jack 52 Series With Shield

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or others
- 3.Contact Material: Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.PLATING: Gold plating over nickel. Gold plating thickness
1.5u" / 3u" / 6u" / 15u" / 30u" / 50u"
- 5.SHIELD: 0.23 Thickness Brass with nickel plated

ELECTRICAL

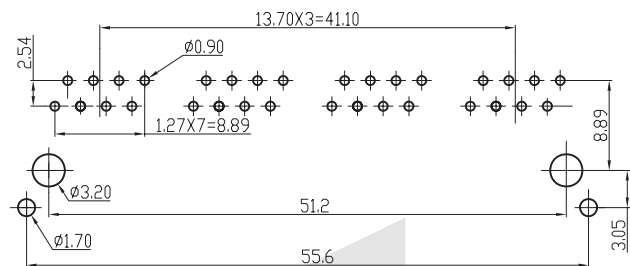
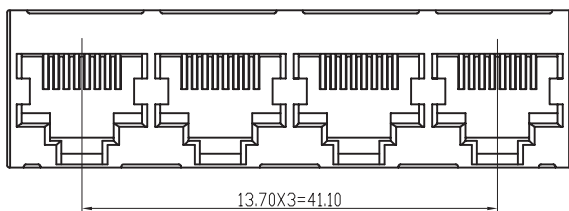
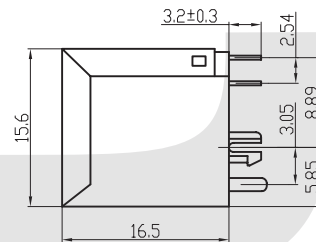
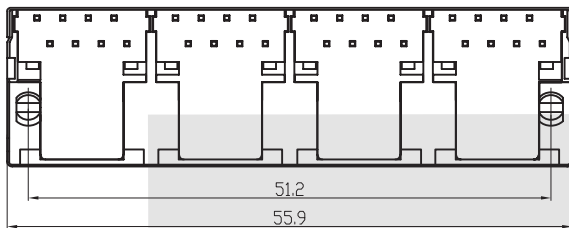
- 1.Current Rating: 1.5 Amp
- 2.Voltage Rating: 125VAC
- 3.Contact Resistance: 30 M Ω Max.
- 4.Insulation Resistance: 500 M Ω Min. @ 500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C

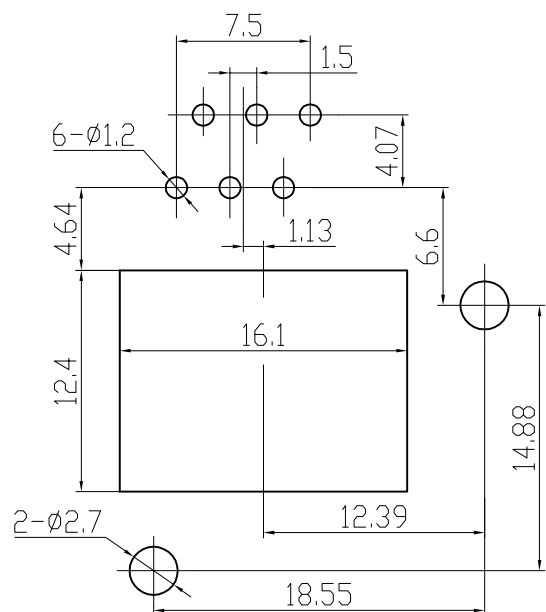
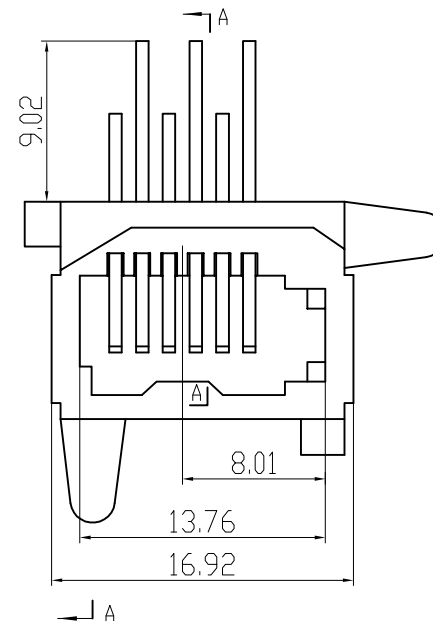
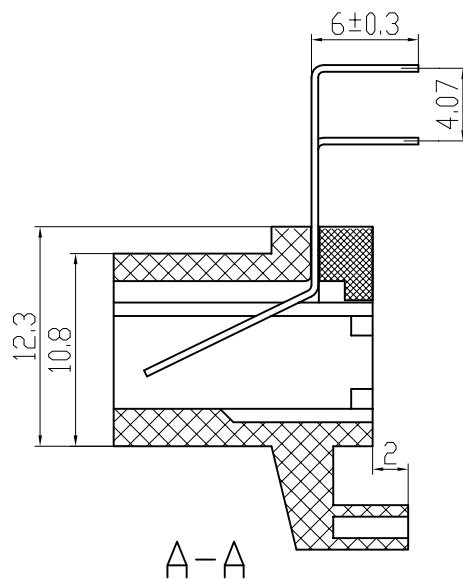
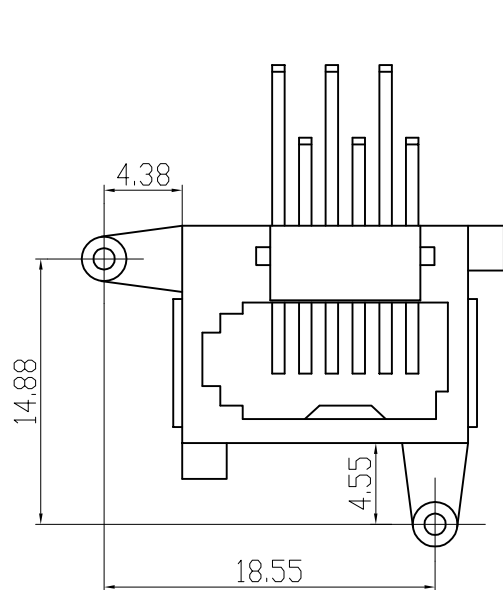


PC Board Layout

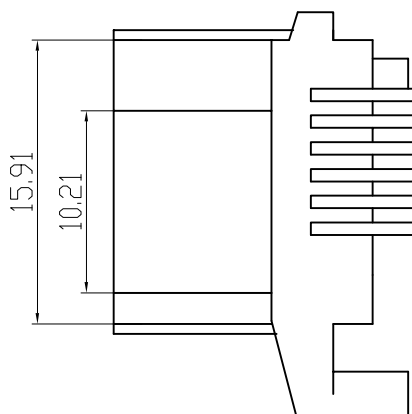
ORDER INFORMATION

KLS12-158 - 8P8C-W-1x4-XX-X

Part Number	Point NO.	Shield	Ports	Gold Thickness	Plastic
	8P8C Point	W-With Shield	1x1-1 Ports 1x4-4 Ports	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u"	1-Nylon 2-PBT 3-ABS



PC Board Layout



PCB JACK Specification

1. Insulation Resistance: 500M Ω MIN @ 500 VDC
2. Withstanding Voltage: AC1000V 50Hz or 60Hz 1min.
3. Durability: 600 Mating Circles MIN.
4. Gold Plating: (3;6;15;30;50) μ inch
5. Tolerances Unless Otherwise Specified
.0 $\pm$ 0.25 .00 $\pm$ 0.20 .000 $\pm$ 0.10

KLS ELECTRONIC CO.,LTD.						
单位(units)	MM	设计(draw)	材料 (mt'l)		图名 (name)	KLS12-165-6P6C
比例 (scale)	1 : 1	审核 (ch'k)				
版次 (rev.)	A / 1	核准 (app'd)	HOUSING	PBT	料号 (Part number)	
视图 (view)		日期 (date)	PIN	Qsn6.5-0.1	图档 (File Name)	

PCB Modular Jack Series

KLS12-301-4P PCB Modular Jack 51 Series

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or Others
- 3.Contact Material: Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.Plating: Gold plating over nickel. Gold plating thickness
1.5u" / 3u" / 6u" / 15u" / 30u" / 50u"

ELECTRICAL

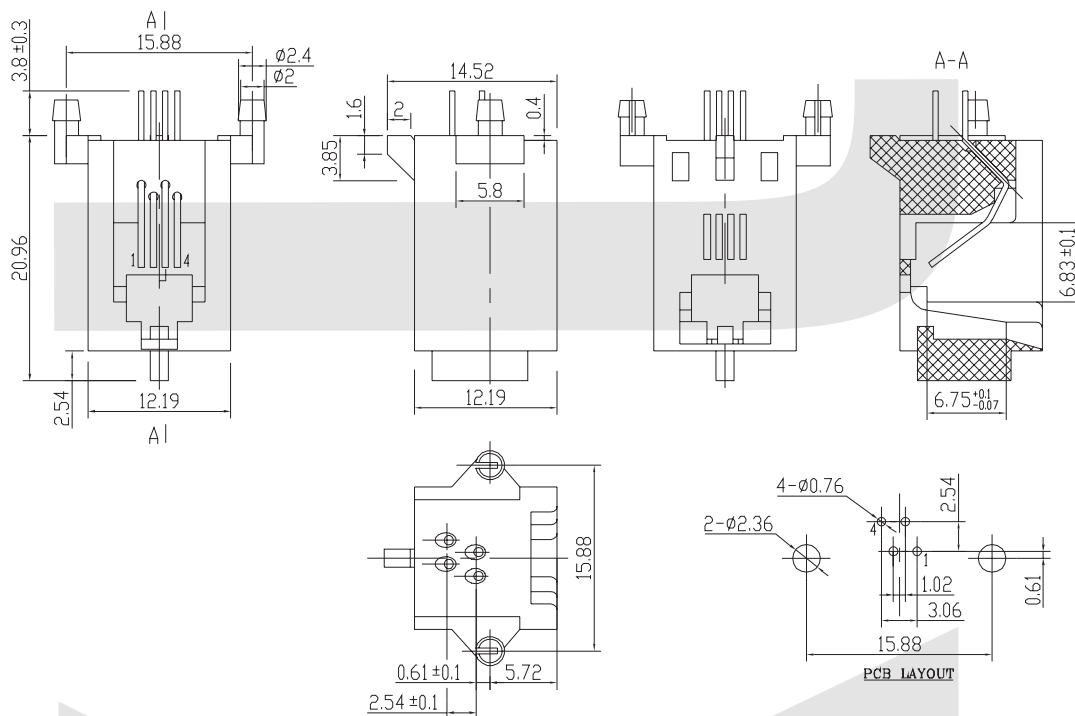
- 1.Current Rating:1.5Amp
- 2.Voltage Rating:125VAC
- 3.Contact Resistance: 30 M Ω Max.
- 4.Insulation Resistance: 500 M Ω Min. @500VDC
- 5.Withstanding Voltage:1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



ORDER INFORMATION

KLS12-301 - 4P4C-X-XX-X

Part Number

Point NO.

Part Color

Gold Thickness

Plastic

4P4C Point
4P2C Point

1-Black
2-Gray
3-White
4-IV

01-Fu"
02-3u"
03-6u"
04-15u"
05-30u"
06-50u"

1-Nylon
2-PBT
3-ABS

PCB Modular Jack Series

KLS12-301-6P PCB Modular Jack 51 Series

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or Others
- 3.Contact Material: Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.Plating: Gold plating over nickel. Gold plating thickness
1.5u" / 3u" / 6u" / 15u" / 30u" / 50u"

ELECTRICAL

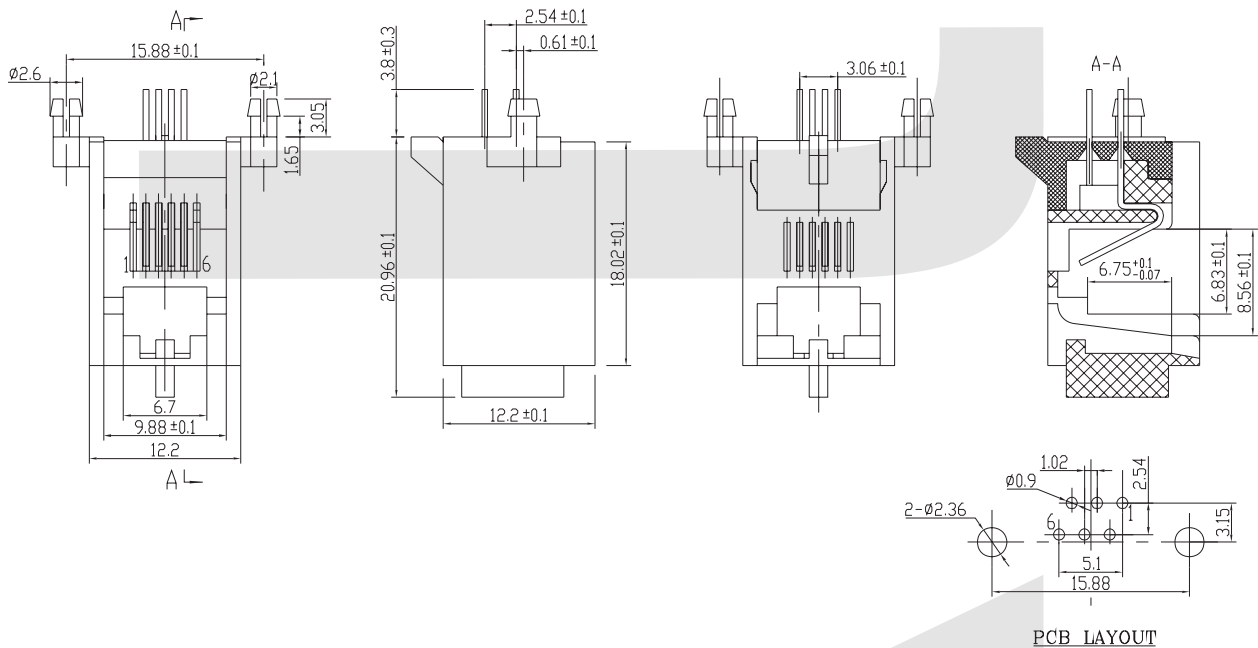
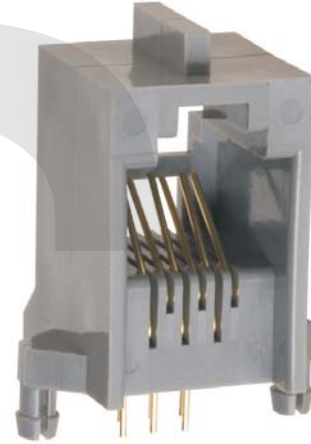
- 1.Current Rating:1.5Amp
- 2.Voltage Rating:125VAC
- 3.Contact Resistance: 30 M Ω Max.
- 4.Insulation Resistance: 500 M Ω Min. @500VDC
- 5.Withstanding Voltage:1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



ORDER INFORMATION

KLS12-301 - 6P6C-X-XX-X

Part Number	Point NO.	Part Color	Gold Thickness	Plastic
6P6C	Point	1-Black	01-Fu"	1-Nylon
6P4C	Point	2-Gray	02-3u"	2-PBT
6P2C	Point	3-White	03-6u"	3-ABS
		4-IV	04-15u"	
			05-30u"	
			06-50u"	

PCB Modular Jack Series

KLS12-302-6P PCB Modular Jack 56 Series

MATERIAL

- 1.Housing Material : Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color : Black, Gray, Ivory, White or others
- 3.Contact Material : Phosphor Bronze 0.35mm Flat Pin
- 4.PLATING: Gold plating over nickel. Gold plating thickness
1.5u"/3u"/6u"/15u"/30u"/50u"

ELECTRICAL

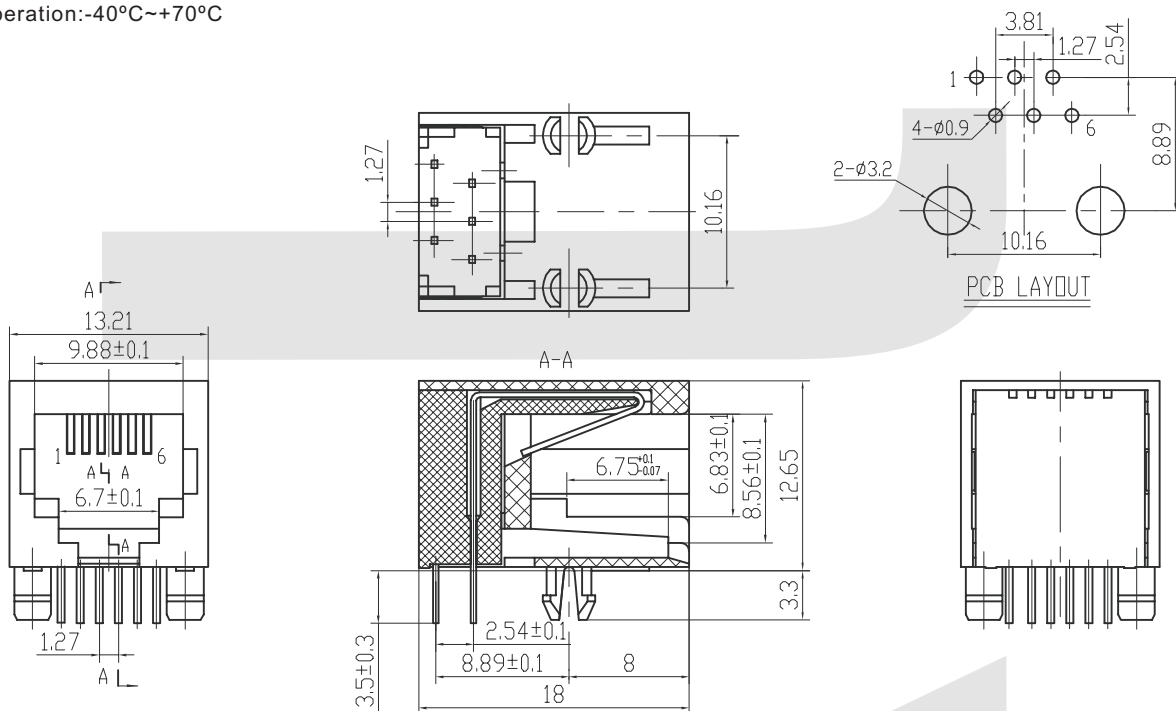
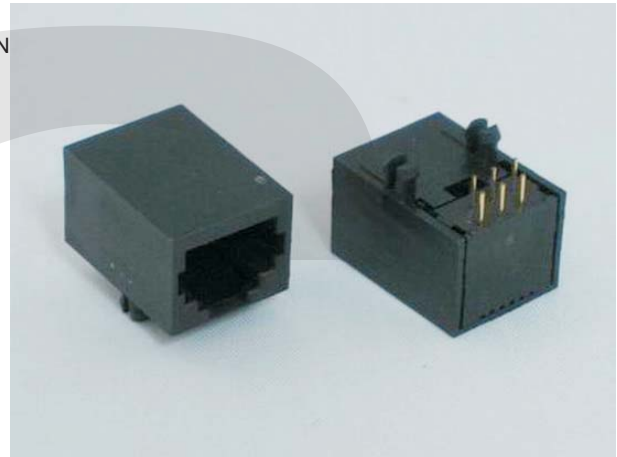
- 1.Current Rating:1.5Amp
- 2.Voltage Rating:125VAC
- 3.Contact Resistance : 30MΩ Max.
- 4.Insulation Resistance : 500 MΩ Min @500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min
- 2.PCB Retention pre-solder : 1 LB Min

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



ORDER INFORMATION

KLS12-302 - 6P6C - B -XX-X

Part Number	Point NO.	Part Color	Gold Thickness	Plastic
	6P6C Point6	1-Black 2-Gray 3-White 4-IV	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u	1-Nylon 2-PBT 3-ABS

PCB Modular Jack Series

KLS12-302-10P PCB Modular Jack 56 Series

MATERIAL

- 1.Housing Material : Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color : Black, Gray, Ivory, White or others
- 3.Contact Material : Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.PLATING: Gold plating over nickel. Gold plating thickness
1.5u"/3u"/6u"/15u"/30u"/50u"

ELECTRICAL

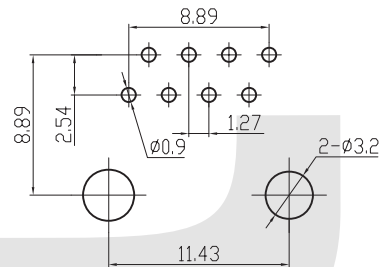
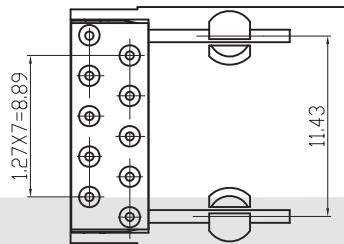
- 1.Current Rating:1.5Amp
- 2.Voltage Rating:125VAC
- 3.Contact Resistance : 30M Ω Max.
- 4.Insulation Resistance : 500 M Ω Min @500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

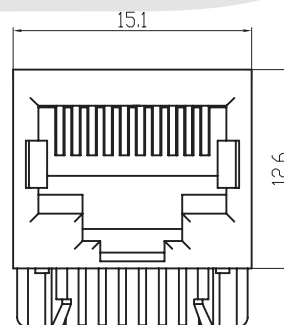
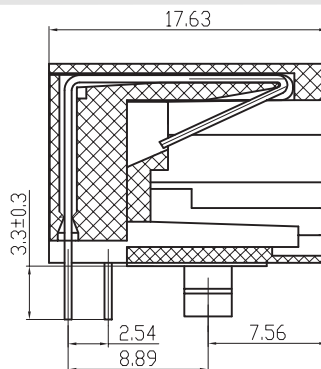
- 1.Durability : 750 cycles Min
- 2.PCB Retention pre-solder : 1 LB Min

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



PC Board Layout



ORDER INFORMATION

KLS12-302 - 10P8C-B-XX-X

Part Number	Point NO.	Part Color	Gold Thickness	Plastic
	10P10C Point 10P8C Point	1-Black 2-Gray 3-White 4-IV	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u"	1-Nylon 2-PBT 3-ABS

PCB Modular Jack Series

KLS12-302-10P PCB Modular Jack 56 Series 1x2 Ports

MATERIAL

- 1.Housing Material : Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color : Black, Gray, Ivory, White or others
- 3.Contact Material : Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.PLATING: Gold plating over nickel. Gold plating thickness
1.5u"/3u"/6u"/15u"/30u"/50u"

ELECTRICAL

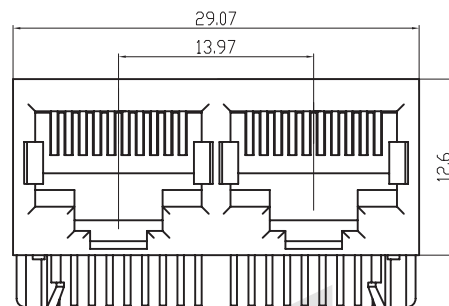
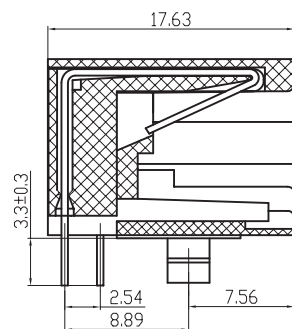
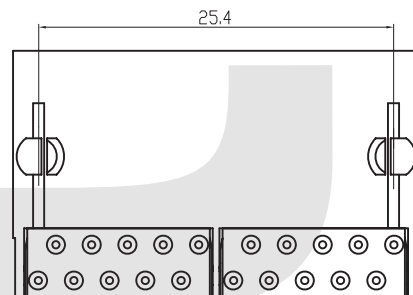
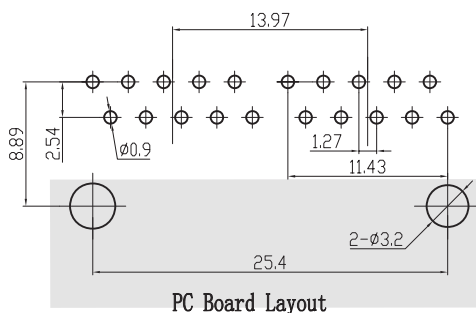
- 1.Current Rating:1.5Amp
- 2.Voltage Rating:125VAC
- 3.Contact Resistance : 30M Ω Max.
- 4.Insulation Resistance : 500 M Ω Min @500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min
- 2.PCB Retention pre-solder : 1 LB Min

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



ORDER INFORMATION

KLS12-302 - 10P10C-1x2-B-XX-X

Part Number	Point NO.	Ports	Part Color	Gold Thickness	Plastic
	10P10C Point 10P8C Point	1x2-2 Ports 1x4-4 Ports	1-Black 2-Gray 3-White 4-IV	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u	1-Nylon 2-PBT 3-ABS

PCB Modular Jack Series

KLS12-302-10P PCB Modular Jack 56 Series 1x4 Ports

MATERIAL

- 1.Housing Material : Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color : Black, Gray, Ivory, White or others
- 3.Contact Material : Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.PLATING: Gold plating over nickel. Gold plating thickness
1.5u"/3u"/6u"/15u"/30u"/50u"

ELECTRICAL

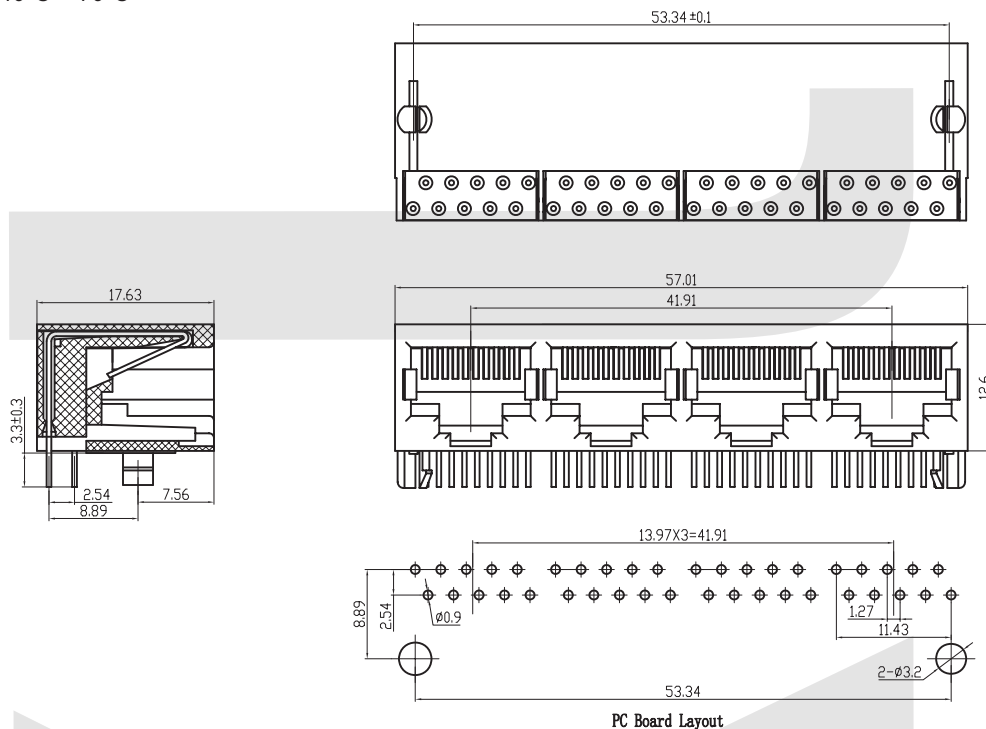
- 1.Current Rating:1.5Amp
- 2.Voltage Rating:125VAC
- 3.Contact Resistance : 30M Ω Max.
- 4.Insulation Resistance : 500 M Ω Min @500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min
- 2.PCB Retention pre-solder : 1 LB Min

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



PC Board Layout

ORDER INFORMATION

KLS12-302 - 10P10C-1x4-B-XX-X

Part Number	Point NO.	Ports	Part Color	Gold Thickness	Plastic
	10P10C Point 10P8C Point	1x2-2 Ports 1x4-4 Ports	1-Black 2-Gray 3-White 4-IV	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u"	1-Nylon 2-PBT 3-ABS

PCB Modular Jack Series

KLS12-303-6P PCB Modular Jack 52 Series 1x1 Ports

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or others
- 3.Contact Material: Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.Plating: Gold plating over nickel. Gold plating thickness
1.5u" / 3u" / 6u" / 15u" / 30u" / 50u"

ELECTRICAL

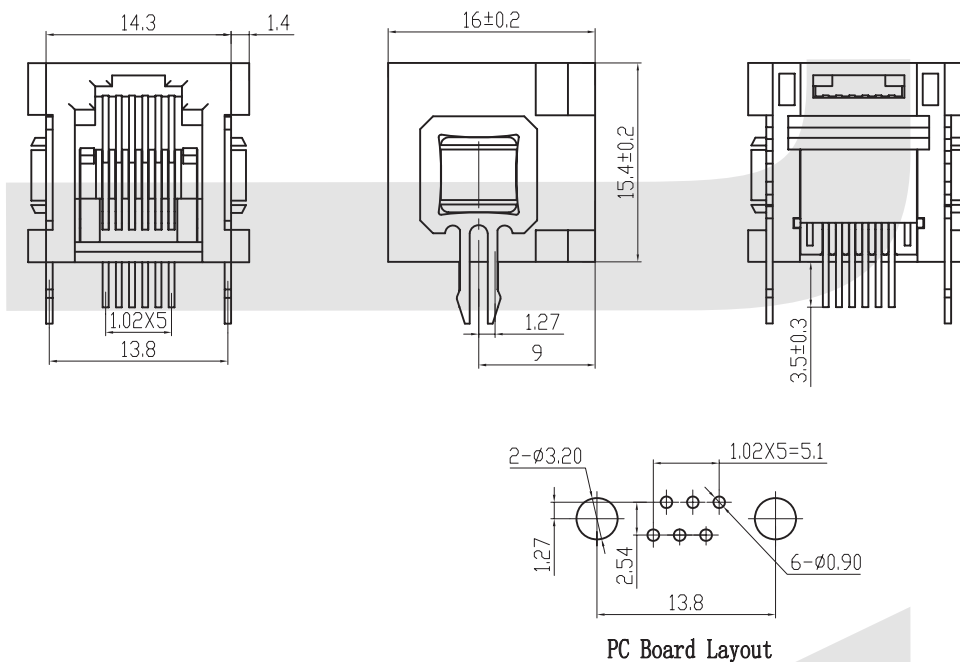
- 1.Current Rating: 1.5 Amp
- 2.Voltage Rating: 125VAC
- 3.Contact Resistance: 30 M Ω Max.
- 4.Insulation Resistance: 500 M Ω Min. @ 500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



ORDER INFORMATION

KLS12-303 -6P6C- 1x1-1-1-XX-X-X

Part Number	Point NO.	Ports	Iron Peg	Angle	Gold Thickness	Color	Plastic
	6P6C Point 6P4C Point	1x1-1 Ports 1x2-2 Ports 1x3-3 Ports 1x4-4 Ports 1x5-5 Ports 1x6-6 Ports 1x7-7 Ports 1x8-8 Ports	0-Without Iron Peg 1-With Iron Peg	1-90 Angle 2-180 Angle	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u	B-Black G-Gray W-White I-Iv	1-Nylon 2-PBT 3-ABS

PCB Modular Jack Series

KLS12-303-6P PCB Modular Jack 52 Series 1x2 Ports

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or others
- 3.Contact Material: Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.Plating: Gold plating over nickel. Gold plating thickness
1.5u" / 3u" / 6u" / 15u" / 30u" / 50u"

ELECTRICAL

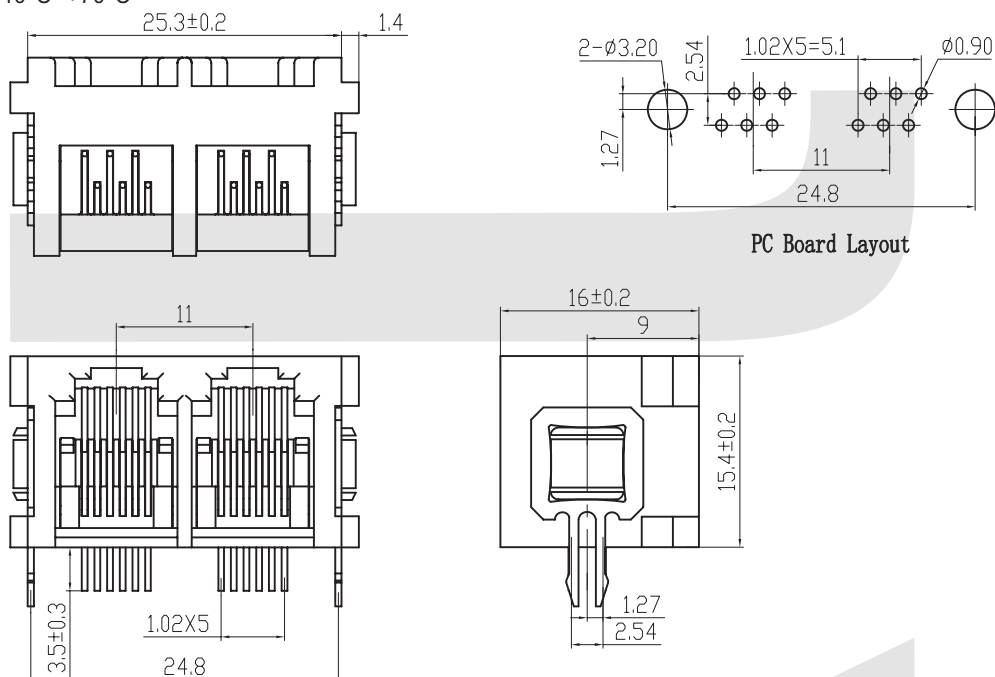
- 1.Current Rating: 1.5 Amp
- 2.Voltage Rating: 125VAC
- 3.Contact Resistance: 30 M Ω Max.
- 4.Insulation Resistance: 500 M Ω Min. @ 500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



ORDER INFORMATION

KLS12-303 -6P6C- 1x2-1-1-XX-X-X

Part Number	Point NO.	Ports	Iron Peg	Angle	Gold Thickness	Color	Plastic
	6P6C Point 6P4C Point	1x1-1 Ports 1x2-2 Ports 1x3-3 Ports 1x4-4 Ports 1x5-5 Ports 1x6-6 Ports 1x7-7 Ports 1x8-8 Ports	0-Without Iron Peg 1-With Iron Peg	1-90 Angle 2-180 Angle	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u	B-Black G-Gray W-White I-Iv	1-Nylon 2-PBT 3-ABS

PCB Modular Jack Series

KLS12-303-6P PCB Modular Jack 52 Series 1x3 Ports

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or others
- 3.Contact Material: Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.Plating: Gold plating over nickel. Gold plating thickness
1.5u"/3u"/6u"/15u"/30u"/50u"

ELECTRICAL

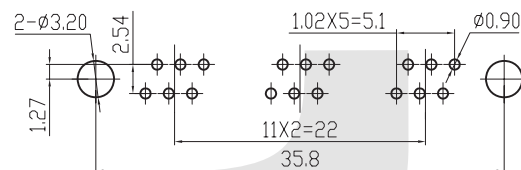
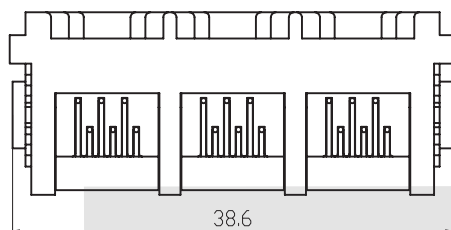
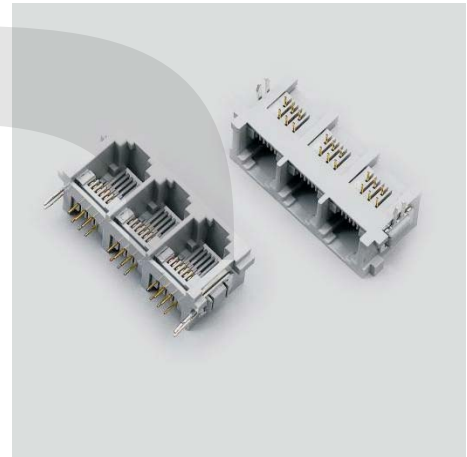
- 1.Current Rating: 1.5 Amp
- 2.Voltage Rating: 125VAC
- 3.Contact Resistance: 30 M Ω Max.
- 4.Insulation Resistance: 500 M Ω Min. @ 500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

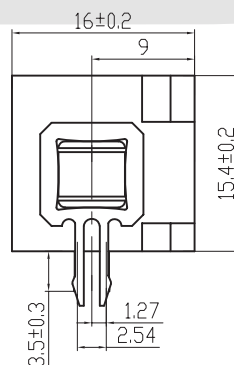
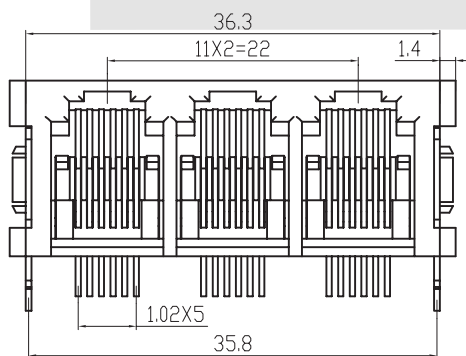
- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



PC Board Layout



ORDER INFORMATION

KLS12-303 -6P6C- 1x3-1-1-XX-X-X

Part Number	Point NO.	Ports	Iron Peg	Angle	Gold Thickness	Color	Plastic
	6P6C Point 6P4C Point	1x1-1 Ports 1x2-2 Ports 1x3-3 Ports 1x4-4 Ports 1x5-5 Ports 1x6-6 Ports 1x7-7 Ports 1x8-8 Ports	0-Without Iron Peg 1-With Iron Peg	1-90 Angle 2-180 Angle	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u	B-Black G-Gray W-White I-Iv	1-Nylon 2-PBT 3-ABS

PCB Modular Jack Series

KLS12-303-6P PCB Modular Jack 52 Series 1x4 Ports

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or others
- 3.Contact Material: Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.Plating: Gold plating over nickel. Gold plating thickness
1.5u"/3u"/6u"/15u"/30u"/50u"

ELECTRICAL

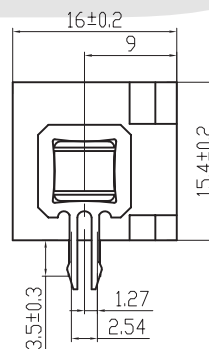
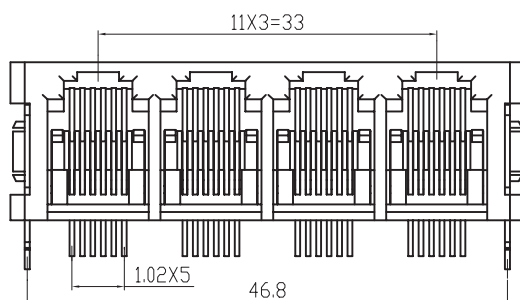
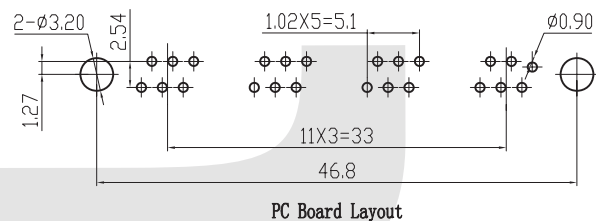
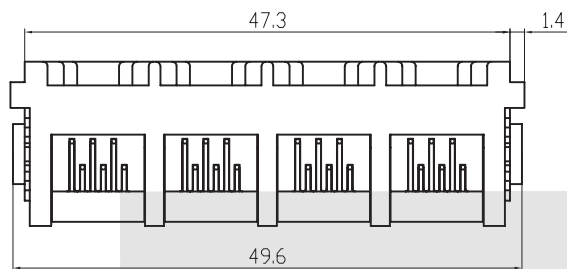
- 1.Current Rating: 1.5 Amp
- 2.Voltage Rating: 125VAC
- 3.Contact Resistance: 30 M Ω Max.
- 4.Insulation Resistance: 500 M Ω Min. @ 500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



ORDER INFORMATION

KLS12-303 -6P6C- 1x4-1-1-XX-X-X

Part Number	Point NO.	Ports	Iron Peg	Angle	Gold Thickness	Color	Plastic
	6P6C Point 6P4C Point	1x1-1 Ports 1x2-2 Ports 1x3-3 Ports 1x4-4 Ports 1x5-5 Ports 1x6-6 Ports 1x7-7 Ports 1x8-8 Ports	0-Without Iron Peg 1-With Iron Peg	1-90 Angle 2-180 Angle	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u"	B-Black G-Gray W-White I-Iv	1-Nylon 2-PBT 3-ABS

PCB Modular Jack Series

KLS12-303-6P PCB Modular Jack 52 Series 1x5 Ports

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or others
- 3.Contact Material: Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.Plating: Gold plating over nickel. Gold plating thickness
1.5u"/3u"/6u"/15u"/30u"/50u"

ELECTRICAL

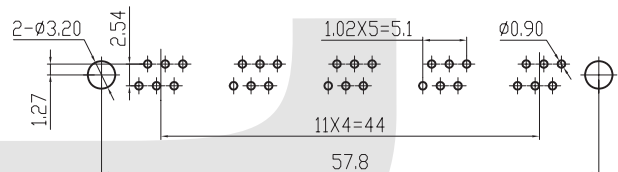
- 1.Current Rating: 1.5 Amp
- 2.Voltage Rating: 125VAC
- 3.Contact Resistance: 30 M Ω Max.
- 4.Insulation Resistance: 500 M Ω Min. @ 500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

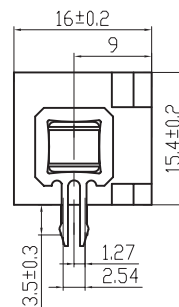
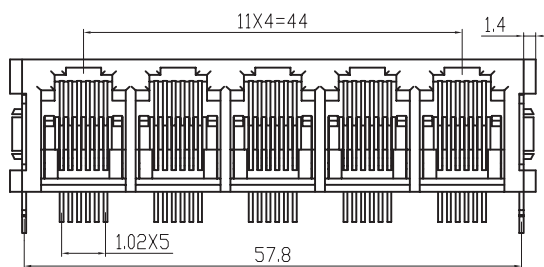
- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



PC Board Layout



ORDER INFORMATION

KLS12-303 -6P6C- 1x5-1-1-XX-X-X

Part Number	Point NO.	Ports	Iron Peg	Angle	Gold Thickness	Color	Plastic
	6P6C Point 6P4C Point	1x1-1 Ports 1x2-2 Ports 1x3-3 Ports 1x4-4 Ports 1x5-5 Ports 1x6-6 Ports 1x7-7 Ports 1x8-8 Ports	0-Without Iron Peg 1-With Iron Peg	1-90 Angle 2-180 Angle	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u"	B-Black G-Gray W-White I-Iv	1-Nylon 2-PBT 3-ABS

PCB Modular Jack Series

KLS12-303-6P PCB Modular Jack 52 Series 1x6 Ports

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or others
- 3.Contact Material: Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.Plating: Gold plating over nickel. Gold plating thickness
1.5u" / 3u" / 6u" / 15u" / 30u" / 50u"

ELECTRICAL

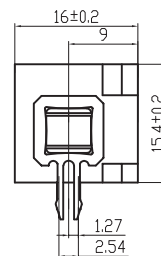
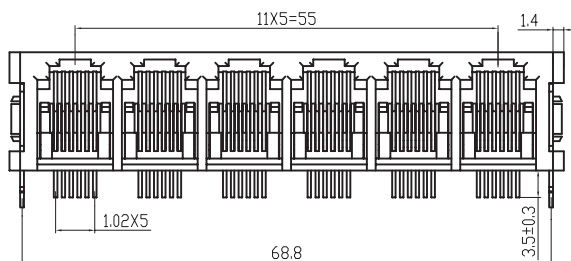
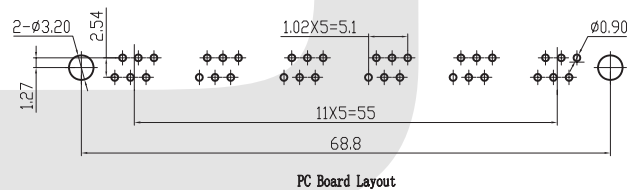
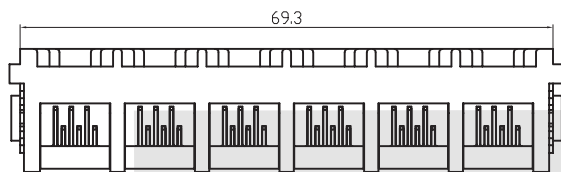
- 1.Current Rating: 1.5 Amp
- 2.Voltage Rating: 125VAC
- 3.Contact Resistance: 30 M Ω Max.
- 4.Insulation Resistance: 500 M Ω Min. @ 500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



ORDER INFORMATION

KLS12-303 -6P6C- 1x6-1-1-XX-X-X

Part Number	Point NO.	Ports	Iron Peg	Angle	Gold Thickness	Color	Plastic
	6P6C Point 6P4C Point	1x1-1 Ports 1x2-2 Ports 1x3-3 Ports 1x4-4 Ports 1x5-5 Ports 1x6-6 Ports 1x7-7 Ports 1x8-8 Ports	0-Without Iron Peg 1-With Iron Peg	1-90 Angle 2-180 Angle	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u"	B-Black G-Gray W-White I-Iv	1-Nylon 2-PBT 3-ABS

PCB Modular Jack Series

KLS12-303-6P PCB Modular Jack 52 Series 1x7 Ports

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or others
- 3.Contact Material: Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.Plating: Gold plating over nickel. Gold plating thickness
1.5u" / 3u" / 6u" / 15u" / 30u" / 50u"

ELECTRICAL

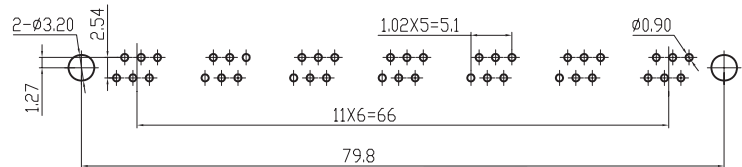
- 1.Current Rating: 1.5 Amp
- 2.Voltage Rating: 125VAC
- 3.Contact Resistance: 30 M Ω Max.
- 4.Insulation Resistance: 500 M Ω Min. @ 500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

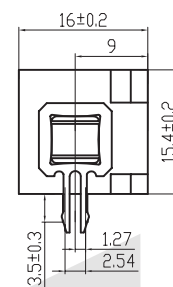
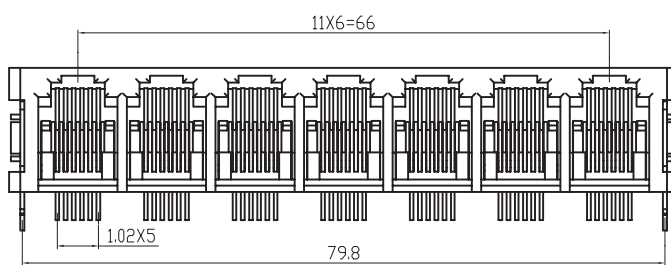
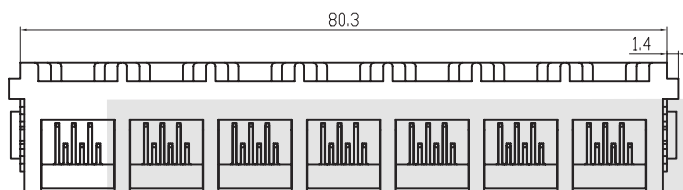
- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



PC Board Layout



ORDER INFORMATION

KLS12-303 -6P6C- 1x7-1-1-XX-X-X

Part Number	Point NO.	Ports	Iron Peg	Angle	Gold Thickness	Color	Plastic
	6P6C Point 6P4C Point	1x1-1 Ports 1x2-2 Ports 1x3-3 Ports 1x4-4 Ports 1x5-5 Ports 1x6-6 Ports 1x7-7 Ports 1x8-8 Ports	0-Without Iron Peg 1-With Iron Peg	1-90 Angle 2-180 Angle	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u	B-Black G-Gray W-White I-Iv	1-Nylon 2-PBT 3-ABS

PCB Modular Jack Series

KLS12-303-6P PCB Modular Jack 52 Series 1x8 Ports

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or others
- 3.Contact Material: Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.Plating: Gold plating over nickel. Gold plating thickness
1.5u"/3u"/6u"/15u"/30u"/50u"

ELECTRICAL

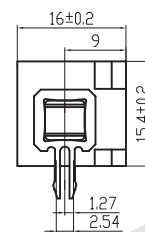
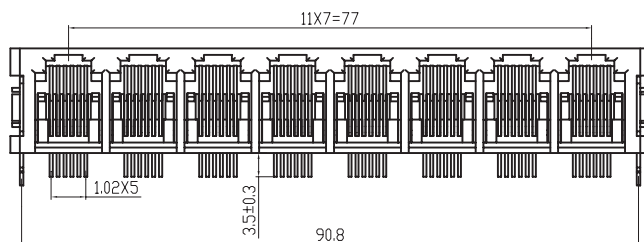
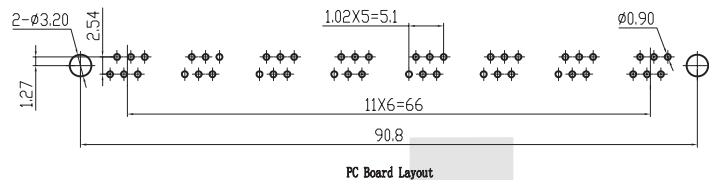
- 1.Current Rating: 1.5 Amp
- 2.Voltage Rating: 125VAC
- 3.Contact Resistance: 30 m Ω Max.
- 4.Insulation Resistance: 500 M Ω Min. @ 500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



ORDER INFORMATION

KLS12-303 -6P6C- 1x8-1-1-XX-X-X

Part Number	Point NO.	Ports	Iron Peg	Angle	Gold Thickness	Color	Plastic
	6P6C Point 6P4C Point	1x1-1 Ports 1x2-2 Ports 1x3-3 Ports 1x4-4 Ports 1x5-5 Ports 1x6-6 Ports 1x7-7 Ports 1x8-8 Ports	0-Without Iron Peg 1-With Iron Peg	1-90 Angle 2-180 Angle	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u	B-Black G-Gray W-White I-Iv	1-Nylon 2-PBT 3-ABS

PCB Modular Jack Series

KLS12-303-6P PCB Modular Jack 52 Series 1x1 Ports

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or others
- 3.Contact Material: Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.Plating: Gold plating over nickel. Gold plating thickness
1.5u" / 3u" / 6u" / 15u" / 30u" / 50u"

ELECTRICAL

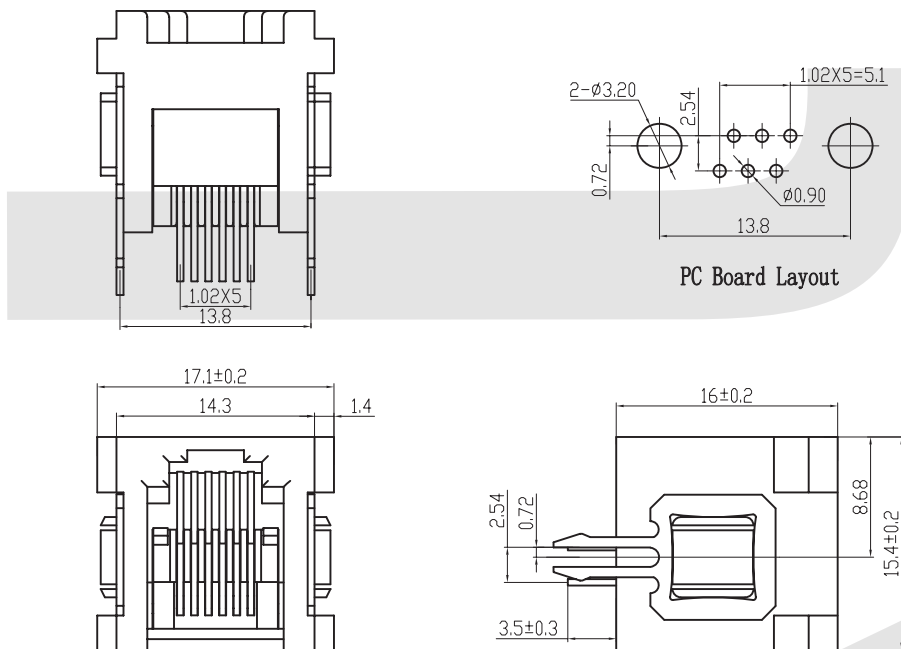
- 1.Current Rating: 1.5 Amp
- 2.Voltage Rating: 125VAC
- 3.Contact Resistance: 30 M Ω Max.
- 4.Insulation Resistance: 500 M Ω Min. @ 500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



ORDER INFORMATION

KLS12-303 -6P6C- 1x1-1-2-XX-X-X

Part Number	Point NO.	Ports	Iron Peg	Angle	Gold Thickness	Color	Plastic
	6P6C Point 6P4C Point	1x1-1 Ports 1x2-2 Ports 1x3-3 Ports 1x4-4 Ports 1x5-5 Ports 1x6-6 Ports 1x7-7 Ports 1x8-8 Ports	0-Without Iron Peg 1-With Iron Peg	1-90 Angle 2-180 Angle	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u	B-Black G-Gray W-White I-Iv	1-Nylon 2-PBT 3-ABS

PCB Modular Jack Series

KLS12-303-6P PCB Modular Jack 52 Series 1x2 Ports

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or others
- 3.Contact Material: Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.Plating: Gold plating over nickel. Gold plating thickness
1.5u" / 3u" / 6u" / 15u" / 30u" / 50u"

ELECTRICAL

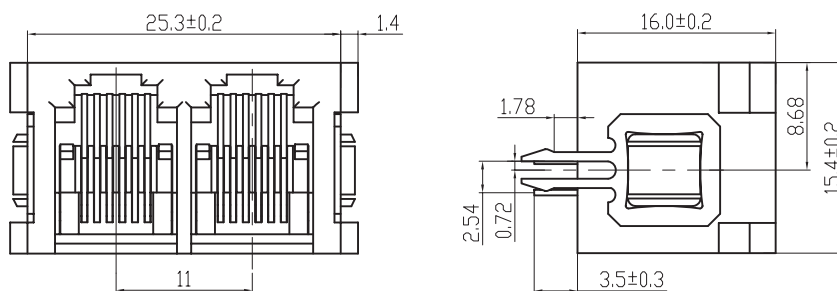
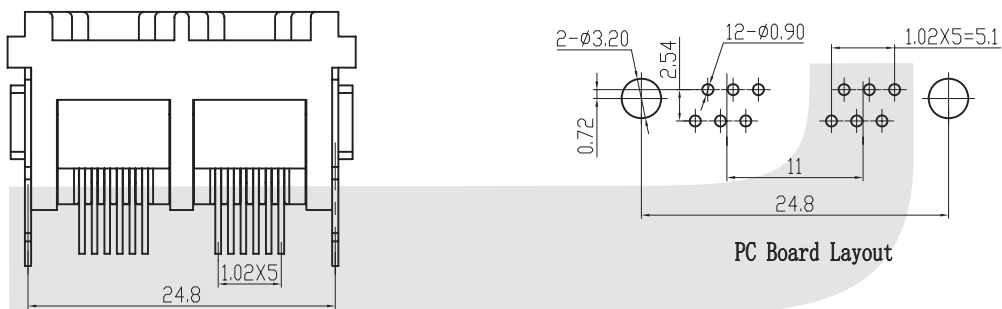
- 1.Current Rating: 1.5 Amp
- 2.Voltage Rating: 125VAC
- 3.Contact Resistance: 30 M Ω Max.
- 4.Insulation Resistance: 500 M Ω Min. @ 500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



ORDER INFORMATION

KLS12-303 -6P6C- 1x2-1-2-XX-X-X

Part Number	Point NO.	Ports	Iron Peg	Angle	Gold Thickness	Color	Plastic
	6P6C Point 6P4C Point	1x1-1 Ports 1x2-2 Ports 1x3-3 Ports 1x4-4 Ports 1x5-5 Ports 1x6-6 Ports 1x7-7 Ports 1x8-8 Ports	0-Without Iron Peg 1-With Iron Peg	1-90 Angle 2-180 Angle	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u	B-Black G-Gray W-White I-Iv	1-Nylon 2-PBT 3-ABS

PCB Modular Jack Series

KLS12-303-6P PCB Modular Jack 52 Series 1x3 Ports

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or others
- 3.Contact Material: Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.Plating: Gold plating over nickel. Gold plating thickness
1.5u"/3u"/6u"/15u"/30u"/50u"

ELECTRICAL

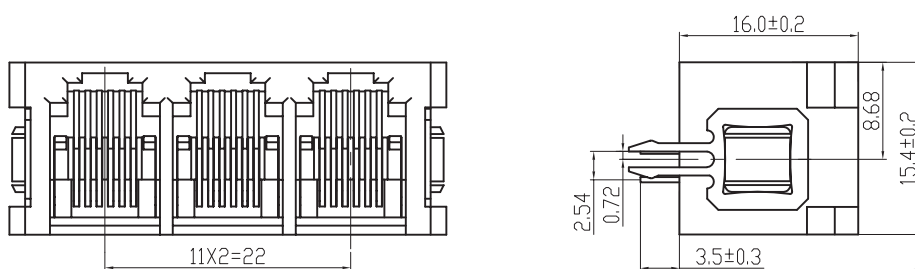
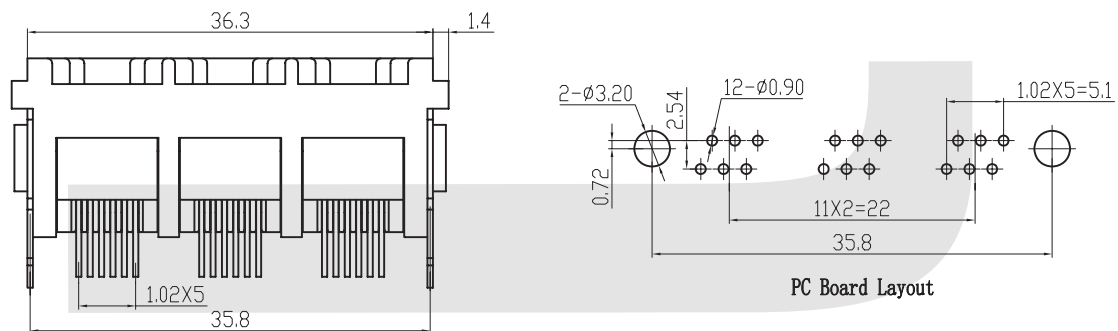
- 1.Current Rating: 1.5 Amp
- 2.Voltage Rating: 125VAC
- 3.Contact Resistance: 30 M Ω Max.
- 4.Insulation Resistance: 500 M Ω Min. @ 500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



ORDER INFORMATION

KLS12-303 -6P6C- 1x3-1-2-XX-X-X

Part Number	Point NO.	Ports	Iron Peg	Angle	Gold Thickness	Color	Plastic
	6P6C Point 6P4C Point	1x1-1 Ports 1x2-2 Ports 1x3-3 Ports 1x4-4 Ports 1x5-5 Ports 1x6-6 Ports 1x7-7 Ports 1x8-8 Ports	0-Without Iron Peg 1-With Iron Peg	1-90 Angle 2-180 Angle	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u"	B-Black G-Gray W-White I-Iv	1-Nylon 2-PBT 3-ABS

PCB Modular Jack Series

KLS12-303-6P PCB Modular Jack 52 Series 1x4 Ports

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or others
- 3.Contact Material: Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.Plating: Gold plating over nickel. Gold plating thickness
1.5u"/3u"/6u"/15u"/30u"/50u"

ELECTRICAL

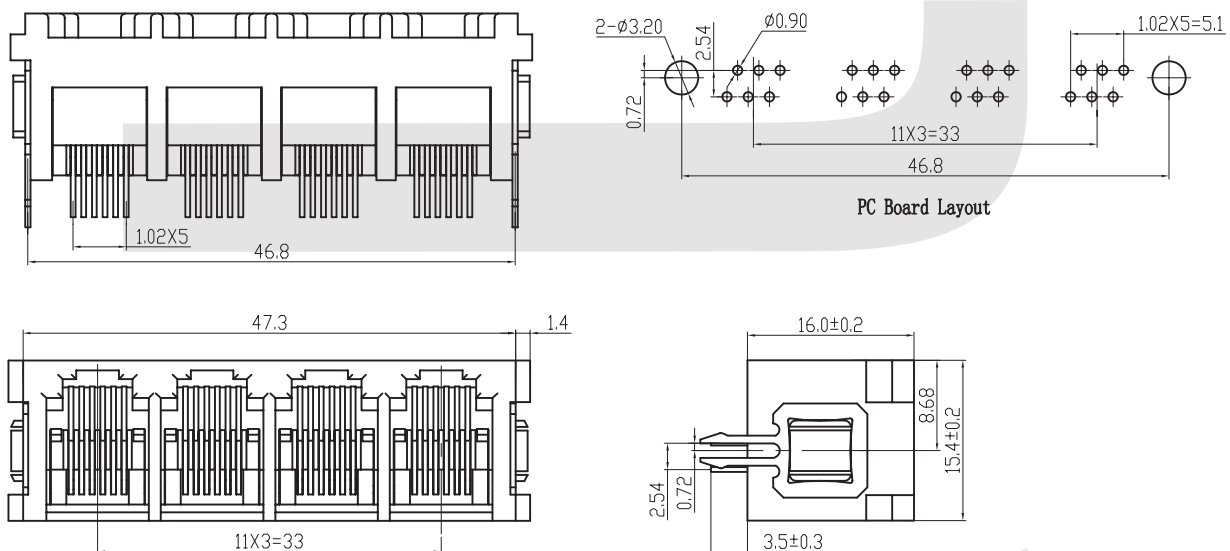
- 1.Current Rating: 1.5 Amp
- 2.Voltage Rating: 125VAC
- 3.Contact Resistance: 30 M Ω Max.
- 4.Insulation Resistance: 500 M Ω Min. @ 500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



ORDER INFORMATION

KLS12-303 -6P6C- 1x4-1-2-XX-X-X

Part Number	Point NO.	Ports	Iron Peg	Angle	Gold Thickness	Color	Plastic
	6P6C Point 6P4C Point	1x1-1 Ports 1x2-2 Ports 1x3-3 Ports 1x4-4 Ports 1x5-5 Ports 1x6-6 Ports 1x7-7 Ports 1x8-8 Ports	0-Without Iron Peg 1-With Iron Peg	1-90 Angle 2-180 Angle	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u	B-Black G-Gray W-White I-Iv	1-Nylon 2-PBT 3-ABS

PCB Modular Jack Series

KLS12-303-6P PCB Modular Jack 52 Series 1x5 Ports

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or others
- 3.Contact Material: Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.Plating: Gold plating over nickel. Gold plating thickness
1.5u" / 3u" / 6u" / 15u" / 30u" / 50u"

ELECTRICAL

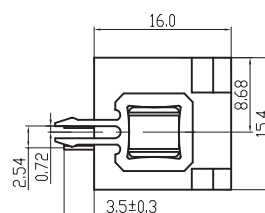
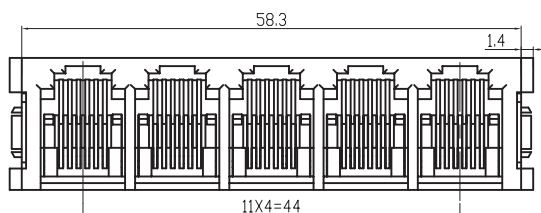
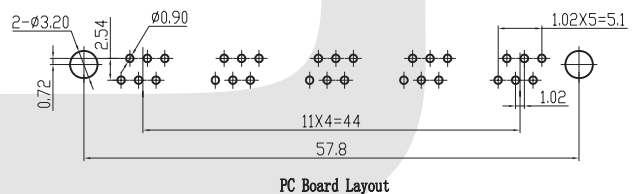
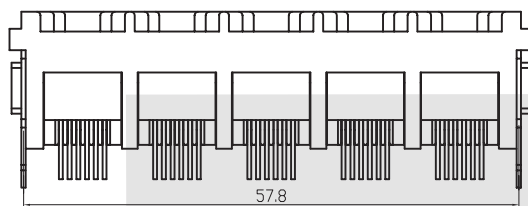
- 1.Current Rating: 1.5 Amp
- 2.Voltage Rating: 125VAC
- 3.Contact Resistance: 30 M Ω Max.
- 4.Insulation Resistance: 500 M Ω Min. @ 500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



ORDER INFORMATION

KLS12-303 -6P6C- 1x5-1-2-XX-X-X

Part Number	Point NO.	Ports	Iron Peg	Angle	Gold Thickness	Color	Plastic
	6P6C Point 6P4C Point	1x1-1 Ports 1x2-2 Ports 1x3-3 Ports 1x4-4 Ports 1x5-5 Ports 1x6-6 Ports 1x7-7 Ports 1x8-8 Ports	0-Without Iron Peg 1-With Iron Peg	1-90 Angle 2-180 Angle	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u	B-Black G-Gray W-White I-Iv	1-Nylon 2-PBT 3-ABS

PCB Modular Jack Series

KLS12-303-6P PCB Modular Jack 52 Series 1x6 Ports

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or others
- 3.Contact Material: Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.Plating: Gold plating over nickel. Gold plating thickness
1.5u" / 3u" / 6u" / 15u" / 30u" / 50u"

ELECTRICAL

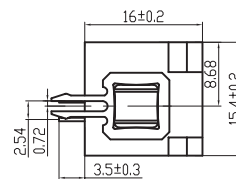
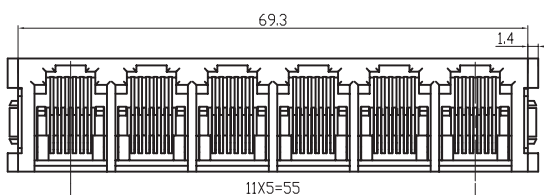
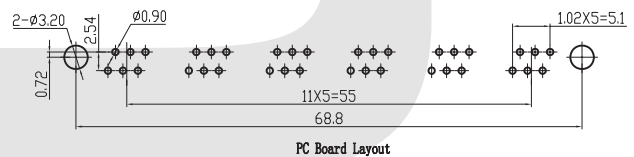
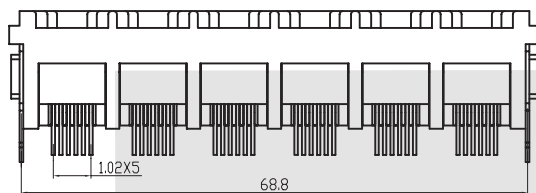
- 1.Current Rating: 1.5 Amp
- 2.Voltage Rating: 125VAC
- 3.Contact Resistance: 30 M Ω Max.
- 4.Insulation Resistance: 500 M Ω Min. @ 500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



ORDER INFORMATION

KLS12-303 -6P6C- 1x6-1-2-XX-X-X

Part Number	Point NO.	Ports	Iron Peg	Angle	Gold Thickness	Color	Plastic
	6P6C Point 6P4C Point	1x1-1 Ports 1x2-2 Ports 1x3-3 Ports 1x4-4 Ports 1x5-5 Ports 1x6-6 Ports 1x7-7 Ports 1x8-8 Ports	0-Without Iron Peg 1-With Iron Peg	1-90 Angle 2-180 Angle	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u	B-Black G-Gray W-White I-Iv	1-Nylon 2-PBT 3-ABS

PCB Modular Jack Series

KLS12-303-6P PCB Modular Jack 52 Series 1x7 Ports

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or others
- 3.Contact Material: Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.Plating: Gold plating over nickel. Gold plating thickness
1.5u"/3u"/6u"/15u"/30u"/50u"

ELECTRICAL

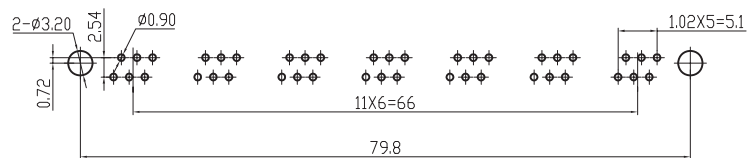
- 1.Current Rating: 1.5 Amp
- 2.Voltage Rating: 125VAC
- 3.Contact Resistance: 30 M Ω Max.
- 4.Insulation Resistance: 500 M Ω Min. @ 500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

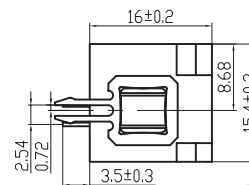
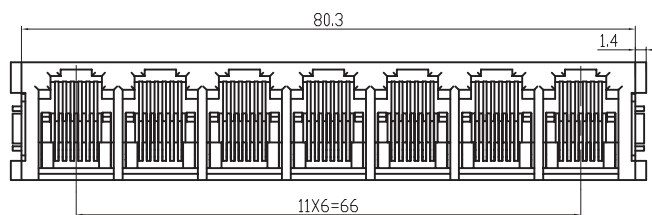
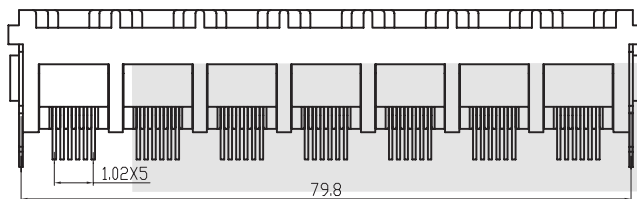
- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



PC Board Layout



ORDER INFORMATION

KLS12-303 -6P6C- 1x7-1-2-XX-X-X

Part Number	Point NO.	Ports	Iron Peg	Angle	Gold Thickness	Color	Plastic
	6P6C Point 6P4C Point	1x1-1 Ports 1x2-2 Ports 1x3-3 Ports 1x4-4 Ports 1x5-5 Ports 1x6-6 Ports 1x7-7 Ports 1x8-8 Ports	0-Without Iron Peg 1-With Iron Peg	1-90 Angle 2-180 Angle	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u	B-Black G-Gray W-White I-Iv	1-Nylon 2-PBT 3-ABS

PCB Modular Jack Series

KLS12-303-6P PCB Modular Jack 52 Series 1x8 Ports

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or others
- 3.Contact Material: Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.Plating: Gold plating over nickel. Gold plating thickness
1.5u" / 3u" / 6u" / 15u" / 30u" / 50u"

ELECTRICAL

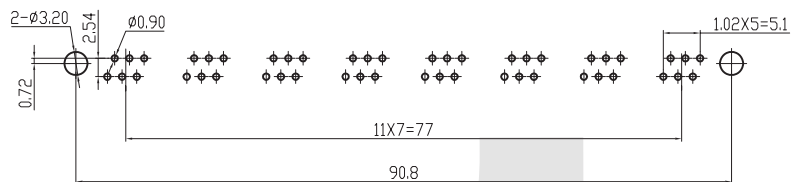
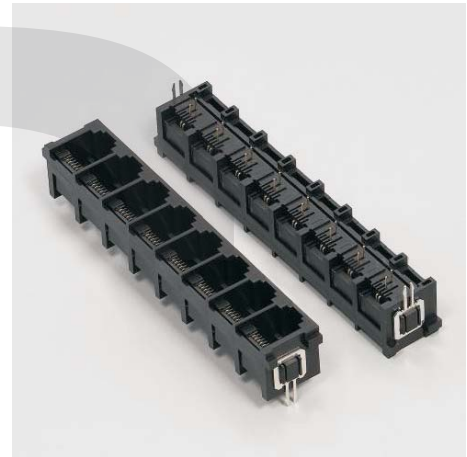
- 1.Current Rating: 1.5 Amp
- 2.Voltage Rating: 125VAC
- 3.Contact Resistance: 30 M Ω Max.
- 4.Insulation Resistance: 500 M Ω Min. @ 500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

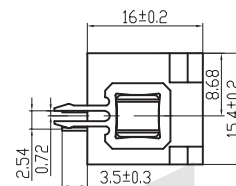
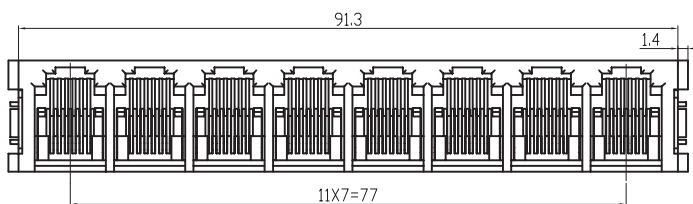
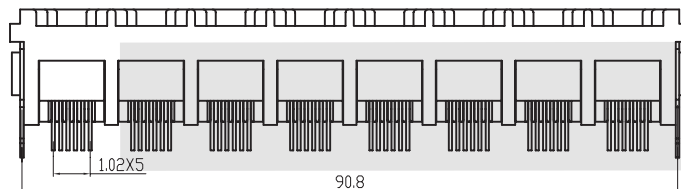
- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



PC Board Layout



ORDER INFORMATION

KLS12-303 -6P6C- 1x8-1-2-XX-X-X

Part Number	Point NO.	Ports	Iron Peg	Angle	Gold Thickness	Color	Plastic
	6P6C Point 6P4C Point	1x1-1 Ports 1x2-2 Ports 1x3-3 Ports 1x4-4 Ports 1x5-5 Ports 1x6-6 Ports 1x7-7 Ports 1x8-8 Ports	0-Without Iron Peg 1-With Iron Peg	1-90 Angle 2-180 Angle	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u	B-Black G-Gray W-White I-Iv	1-Nylon 2-PBT 3-ABS

PCB Modular Jack Series

KLS12-303-8P PCB Modular Jack 52 Series 1x1 Ports

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or others
- 3.Contact Material: Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.Plating: Gold plating over nickel. Gold plating thickness
1.5u" / 3u" / 6u" / 15u" / 30u" / 50u"

ELECTRICAL

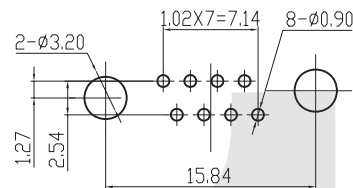
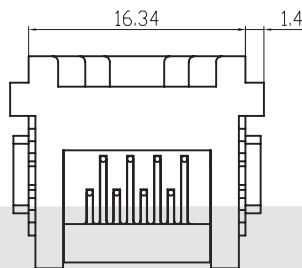
- 1.Current Rating: 1.5 Amp
- 2.Voltage Rating: 125VAC
- 3.Contact Resistance: 30 M Ω Max.
- 4.Insulation Resistance: 500 M Ω Min. @ 500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

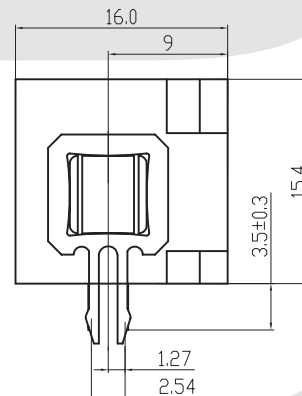
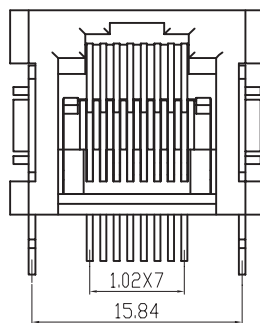
- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



PC Board Layout



ORDER INFORMATION

KLS12-303 -8P8C- 1x1-1-1-XX-X-X

Part Number	Point NO.	Ports	Iron Peg	Angle	Gold Thickness	Color	Plastic
	8P8C Point	1x1-1 Ports 1x2-2 Ports 1x3-3 Ports 1x4-4 Ports 1x5-5 Ports 1x6-6 Ports 1x7-7 Ports 1x8-8 Ports	0-Without Iron Peg 1-With Iron Peg	1-90 Angle 2-180 Angle	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u	B-Black G-Gray W-White I-Iv	1-Nylon 2-PBT 3-ABS

PCB Modular Jack Series

KLS12-303-8P PCB Modular Jack 52 Series 1x2 Ports

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or others
- 3.Contact Material: Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.Plating: Gold plating over nickel. Gold plating thickness
1.5u" / 3u" / 6u" / 15u" / 30u" / 50u"

ELECTRICAL

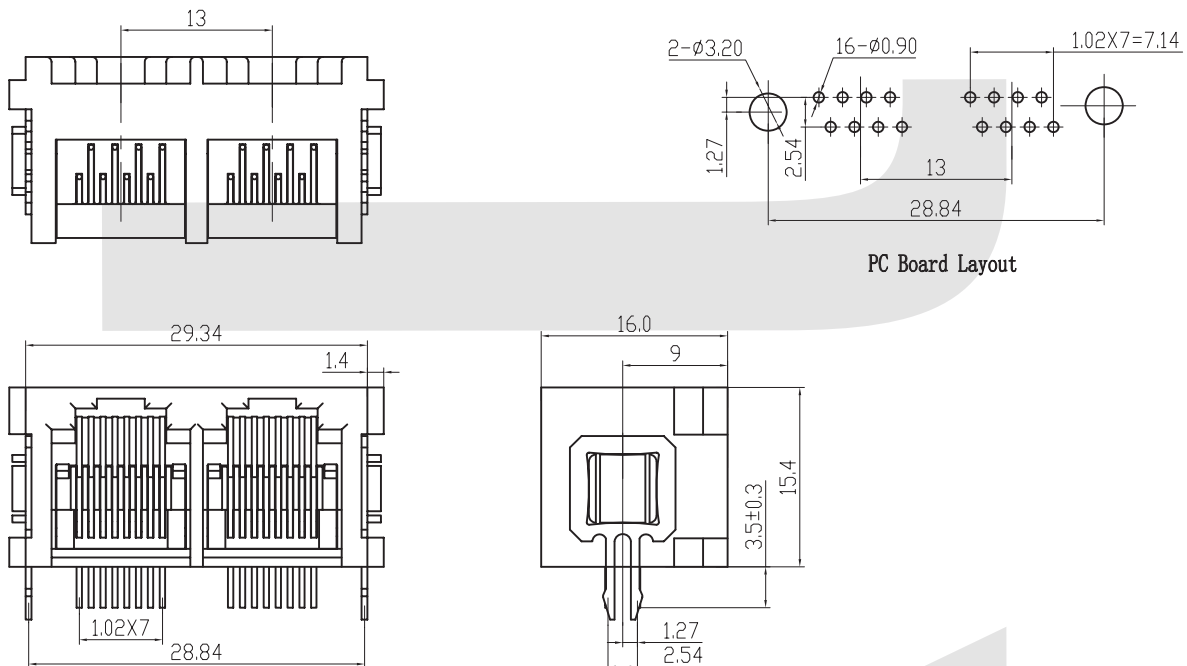
- 1.Current Rating: 1.5 Amp
- 2.Voltage Rating: 125VAC
- 3.Contact Resistance: 30 M Ω Max.
- 4.Insulation Resistance: 500 M Ω Min. @ 500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



ORDER INFORMATION

KLS12-303 -8P8C- 1x2-1-1-XX-X-X

Part Number	Point NO.	Ports	Iron Peg	Angle	Gold Thickness	Color	Plastic
	8P8C Point	1x1-1 Ports 1x2-2 Ports 1x3-3 Ports 1x4-4 Ports 1x5-5 Ports 1x6-6 Ports 1x7-7 Ports 1x8-8 Ports	0-Without Iron Peg 1-With Iron Peg	1-90 Angle 2-180 Angle	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u	B-Black G-Gray W-White I-Iv	1-Nylon 2-PBT 3-ABS

PCB Modular Jack Series

KLS12-303-8P PCB Modular Jack 52 Series 1x3 Ports

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or others
- 3.Contact Material: Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.Plating: Gold plating over nickel. Gold plating thickness
1.5u"/3u"/6u"/15u"/30u"/50u"

ELECTRICAL

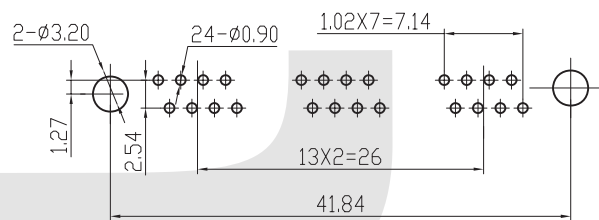
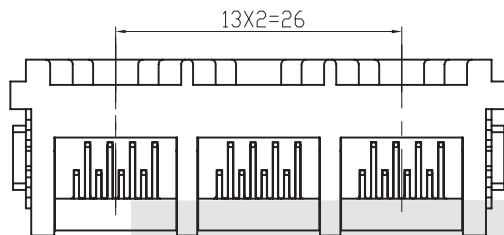
- 1.Current Rating: 1.5 Amp
- 2.Voltage Rating: 125VAC
- 3.Contact Resistance: 30 M Ω Max.
- 4.Insulation Resistance: 500 M Ω Min. @ 500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

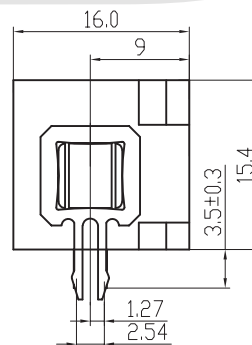
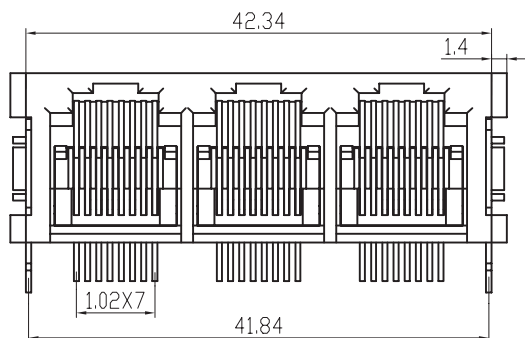
- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



PC Board Layout



ORDER INFORMATION

KLS12-303 -8P8C- 1x3-1-1-XX-X-X

Part Number	Point NO.	Ports	Iron Peg	Angle	Gold Thickness	Color	Plastic
	8P8C Point	1x1-1 Ports 1x2-2 Ports 1x3-3 Ports 1x4-4 Ports 1x5-5 Ports 1x6-6 Ports 1x7-7 Ports 1x8-8 Ports	0-Without Iron Peg 1-With Iron Peg	1-90 Angle 2-180 Angle	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u	B-Black G-Gray W-White I-Iv	1-Nylon 2-PBT 3-ABS

PCB Modular Jack Series

KLS12-303-8P PCB Modular Jack 52 Series 1x4 Ports

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or others
- 3.Contact Material: Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.Plating: Gold plating over nickel. Gold plating thickness
1.5u" / 3u" / 6u" / 15u" / 30u" / 50u"

ELECTRICAL

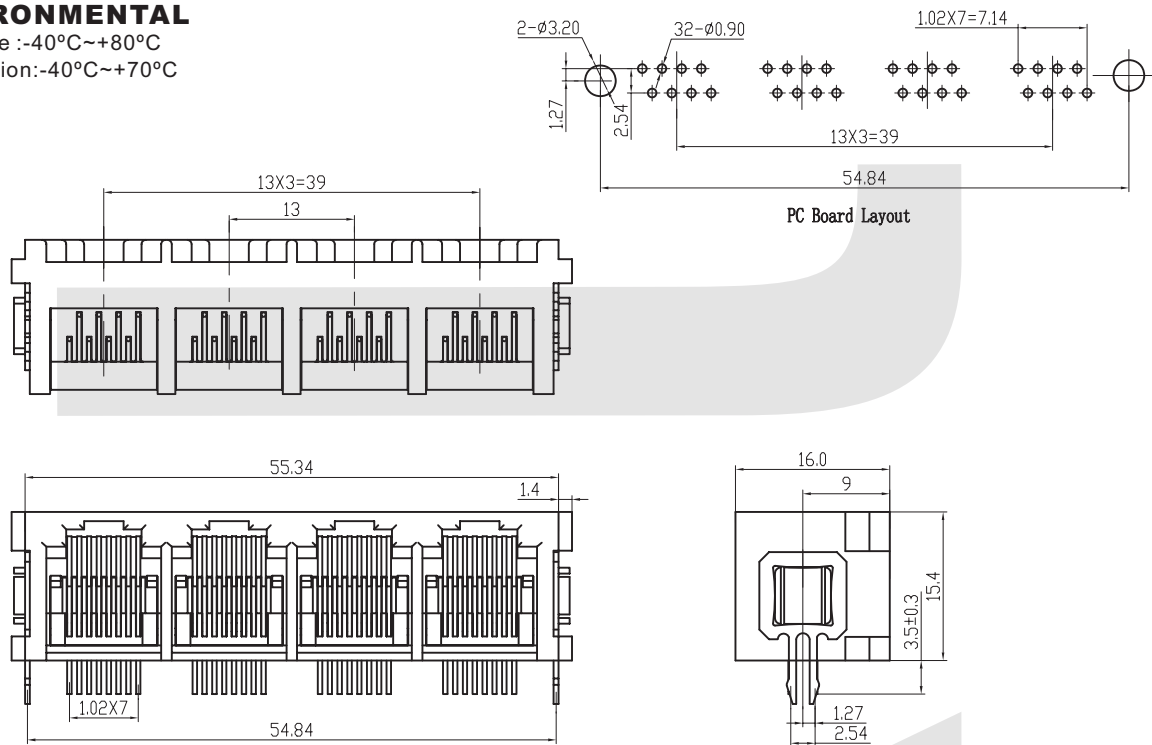
- 1.Current Rating: 1.5 Amp
- 2.Voltage Rating: 125VAC
- 3.Contact Resistance: 30 M Ω Max.
- 4.Insulation Resistance: 500 M Ω Min. @ 500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



ORDER INFORMATION

KLS12-303 -8P8C- 1x4-1-1-XX-X-X

Part Number	Point NO.	Ports	Iron Peg	Angle	Gold Thickness	Color	Plastic
	8P8C Point	1x1-1 Ports 1x2-2 Ports 1x3-3 Ports 1x4-4 Ports 1x5-5 Ports 1x6-6 Ports 1x7-7 Ports 1x8-8 Ports	0-Without Iron Peg 1-With Iron Peg	1-90 Angle 2-180 Angle	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u	B-Black G-Gray W-White I-Iv	1-Nylon 2-PBT 3-ABS

PCB Modular Jack Series

KLS12-303-8P PCB Modular Jack 52 Series 1x5 Ports

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or others
- 3.Contact Material: Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.Plating: Gold plating over nickel. Gold plating thickness
1.5u" / 3u" / 6u" / 15u" / 30u" / 50u"

ELECTRICAL

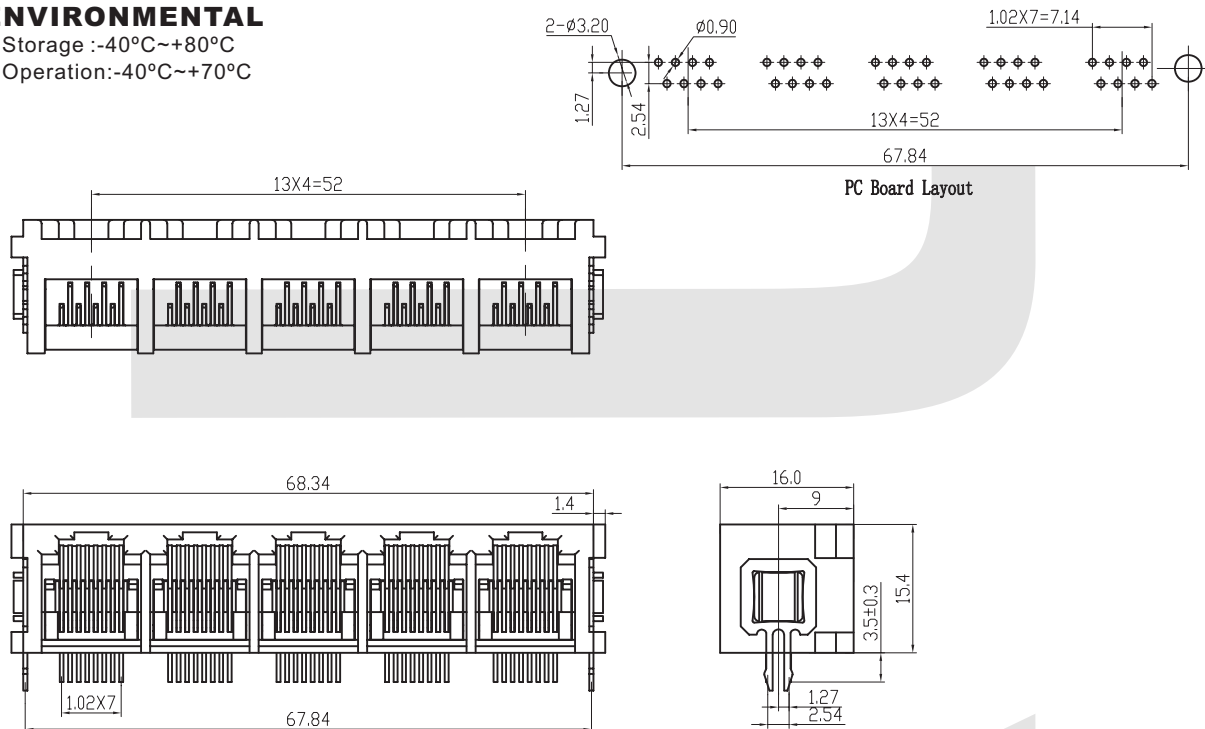
- 1.Current Rating: 1.5 Amp
- 2.Voltage Rating: 125VAC
- 3.Contact Resistance: 30 M Ω Max.
- 4.Insulation Resistance: 500 M Ω Min. @ 500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



ORDER INFORMATION

KLS12-303 -8P8C- 1x5-1-1-XX-X-X

Part Number	Point NO.	Ports	Iron Peg	Angle	Gold Thickness	Color	Plastic
	8P8C Point	1x1-1 Ports 1x2-2 Ports 1x3-3 Ports 1x4-4 Ports 1x5-5 Ports 1x6-6 Ports 1x7-7 Ports 1x8-8 Ports	0-Without Iron Peg 1-With Iron Peg	1-90 Angle 2-180 Angle	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u	B-Black G-Gray W-White I-Iv	1-Nylon 2-PBT 3-ABS

Communication Accessories

PCB Modular Jack Series

KLS12-303-8P PCB Modular Jack 52 Series 1x6 Ports

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or others
- 3.Contact Material: Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.Plating: Gold plating over nickel. Gold plating thickness
1.5u"/3u"/6u"/15u"/30u"/50u"

ELECTRICAL

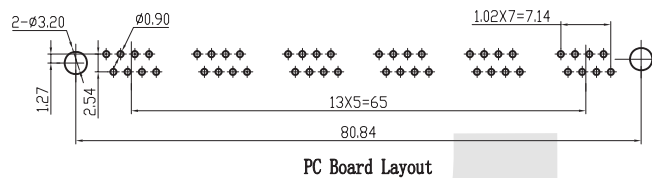
- 1.Current Rating: 1.5 Amp
- 2.Voltage Rating: 125VAC
- 3.Contact Resistance: 30 M Ω Max.
- 4.Insulation Resistance: 500 M Ω Min. @ 500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

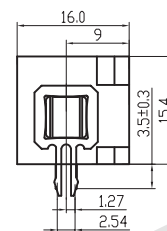
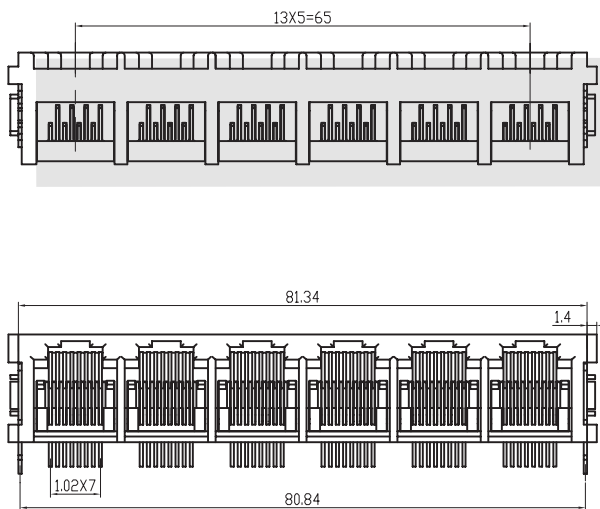
- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



PC Board Layout



ORDER INFORMATION

KLS12-303 -8P8C- 1x6-1-1-XX-X-X

Part Number	Point NO.	Ports	Iron Peg	Angle	Gold Thickness	Color	Plastic
	8P8C Point	1x1-1 Ports 1x2-2 Ports 1x3-3 Ports 1x4-4 Ports 1x5-5 Ports 1x6-6 Ports 1x7-7 Ports 1x8-8 Ports	0-Without Iron Peg 1-With Iron Peg	1-90 Angle 2-180 Angle	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u	B-Black G-Gray W-White I-Iv	1-Nylon 2-PBT 3-ABS

PCB Modular Jack Series

KLS12-303-8P PCB Modular Jack 52 Series 1x7 Ports

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or others
- 3.Contact Material: Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.Plating: Gold plating over nickel. Gold plating thickness
1.5u" / 3u" / 6u" / 15u" / 30u" / 50u"

ELECTRICAL

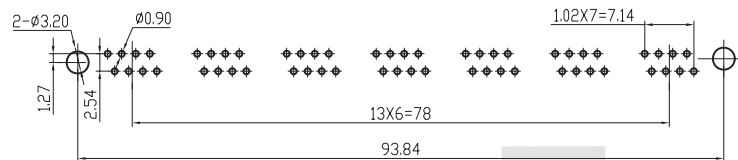
- 1.Current Rating: 1.5 Amp
- 2.Voltage Rating: 125VAC
- 3.Contact Resistance: 30 M Ω Max.
- 4.Insulation Resistance: 500 M Ω Min. @ 500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

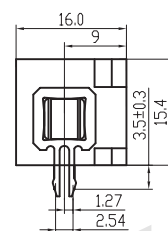
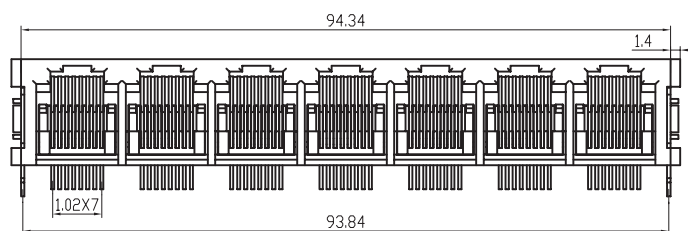
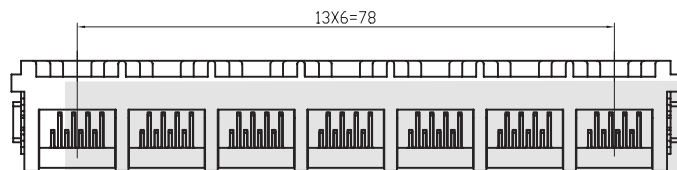
- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



PC Board Layout



ORDER INFORMATION

KLS12-303 -8P8C- 1x7-1-1-XX-X-X

Part Number	Point NO.	Ports	Iron Peg	Angle	Gold Thickness	Color	Plastic
	8P8C Point	1x1-1 Ports 1x2-2 Ports 1x3-3 Ports 1x4-4 Ports 1x5-5 Ports 1x6-6 Ports 1x7-7 Ports 1x8-8 Ports	0-Without Iron Peg 1-With Iron Peg	1-90 Angle 2-180 Angle	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u	B-Black G-Gray W-White I-Iv	1-Nylon 2-PBT 3-ABS

PCB Modular Jack Series

KLS12-303-8P PCB Modular Jack 52 Series 1x8 Ports

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or others
- 3.Contact Material: Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.Plating: Gold plating over nickel. Gold plating thickness
1.5u"/3u"/6u"/15u"/30u"/50u"

ELECTRICAL

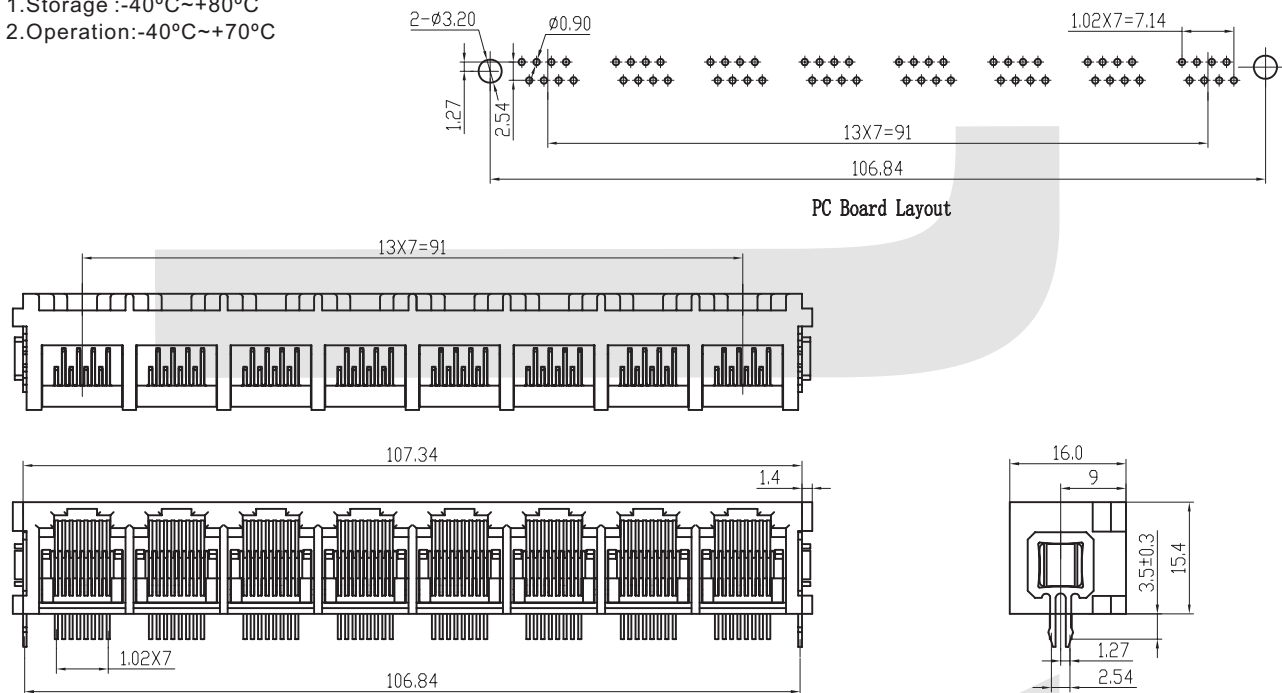
- 1.Current Rating: 1.5 Amp
- 2.Voltage Rating: 125VAC
- 3.Contact Resistance: 30 M Ω Max.
- 4.Insulation Resistance: 500 M Ω Min. @ 500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



ORDER INFORMATION

KLS12-303 -8P8C- 1x8-1-1-XX-X-X

Part Number	Point NO.	Ports	Iron Peg	Angle	Gold Thickness	Color	Plastic
	8P8C Point	1x1-1 Ports 1x2-2 Ports 1x3-3 Ports 1x4-4 Ports 1x5-5 Ports 1x6-6 Ports 1x7-7 Ports 1x8-8 Ports	0-Without Iron Peg 1-With Iron Peg	1-90 Angle 2-180 Angle	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u	B-Black G-Gray W-White I-Iv	1-Nylon 2-PBT 3-ABS

PCB Modular Jack Series

KLS12-303-8P PCB Modular Jack 52 Series 1x1 Ports

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or others
- 3.Contact Material: Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.Plating: Gold plating over nickel. Gold plating thickness
1.5u" / 3u" / 6u" / 15u" / 30u" / 50u"

ELECTRICAL

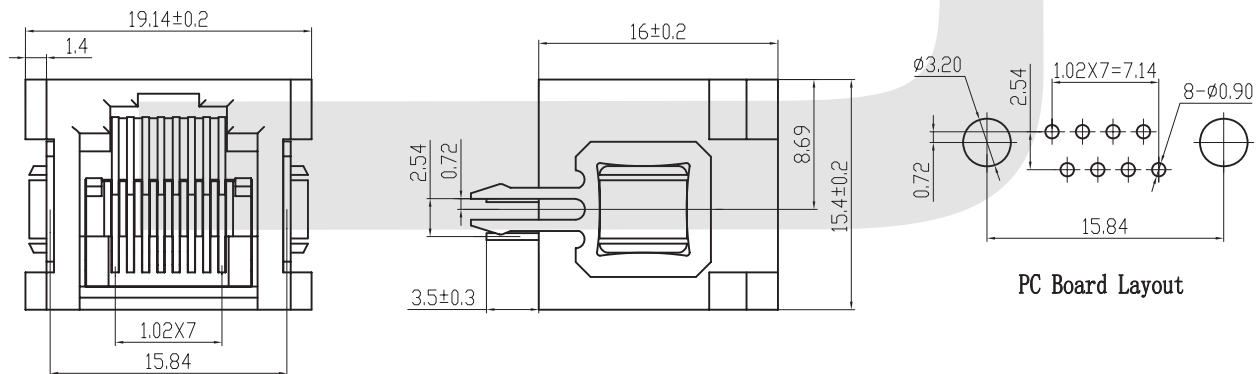
- 1.Current Rating: 1.5 Amp
- 2.Voltage Rating: 125VAC
- 3.Contact Resistance: 30 M Ω Max.
- 4.Insulation Resistance: 500 M Ω Min. @ 500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



ORDER INFORMATION

KLS12-303 -8P8C- 1x1-1-2-XX-X-X

Part Number	Point NO.	Ports	Iron Peg	Angle	Gold Thickness	Color	Plastic
	8P8C Point	1x1-1 Ports 1x2-2 Ports 1x3-3 Ports 1x4-4 Ports 1x5-5 Ports 1x6-6 Ports 1x7-7 Ports 1x8-8 Ports	0-Without Iron Peg 1-With Iron Peg	1-90 Angle 2-180 Angle	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u	B-Black G-Gray W-White I-Iv	1-Nylon 2-PBT 3-ABS

PCB Modular Jack Series

KLS12-303-8P PCB Modular Jack 52 Series 1x2 Ports

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or others
- 3.Contact Material: Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.Plating: Gold plating over nickel. Gold plating thickness
1.5u" / 3u" / 6u" / 15u" / 30u" / 50u"

ELECTRICAL

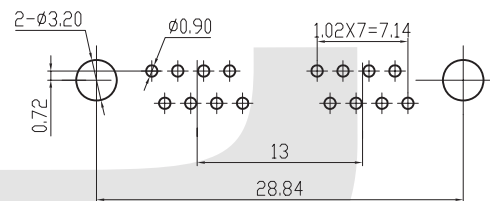
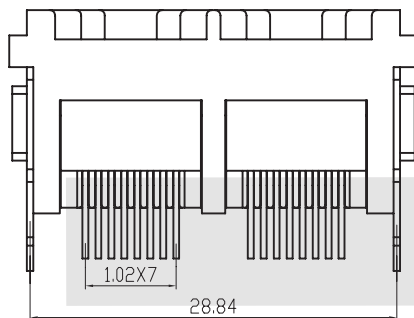
- 1.Current Rating: 1.5 Amp
- 2.Voltage Rating: 125VAC
- 3.Contact Resistance: 30 M Ω Max.
- 4.Insulation Resistance: 500 M Ω Min. @ 500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

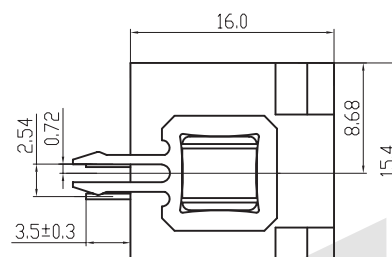
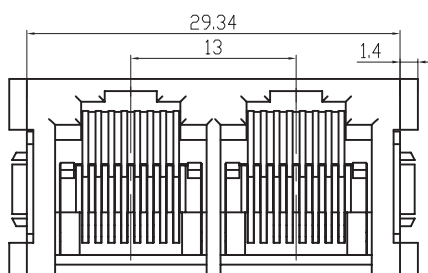
- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



PC Board Layout



ORDER INFORMATION

KLS12-303 -8P8C- 1x2-1-2-XX-X-X

Part Number	Point NO.	Ports	Iron Peg	Angle	Gold Thickness	Color	Plastic
	8P8C Point	1x1-1 Ports 1x2-2 Ports 1x3-3 Ports 1x4-4 Ports 1x5-5 Ports 1x6-6 Ports 1x7-7 Ports 1x8-8 Ports	0-Without Iron Peg 1-With Iron Peg	1-90 Angle 2-180 Angle	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u	B-Black G-Gray W-White I-Iv	1-Nylon 2-PBT 3-ABS

PCB Modular Jack Series

KLS12-303-8P PCB Modular Jack 52 Series 1x3 Ports

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or others
- 3.Contact Material: Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.Plating: Gold plating over nickel. Gold plating thickness
1.5u"/3u"/6u"/15u"/30u"/50u"

ELECTRICAL

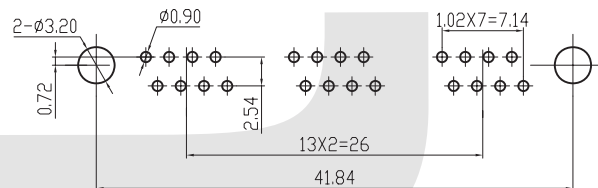
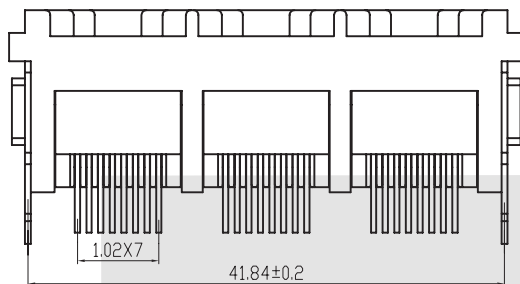
- 1.Current Rating: 1.5 Amp
- 2.Voltage Rating: 125VAC
- 3.Contact Resistance: 30 M Ω Max.
- 4.Insulation Resistance: 500 M Ω Min. @ 500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

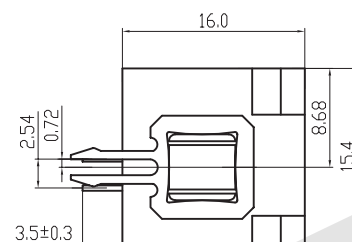
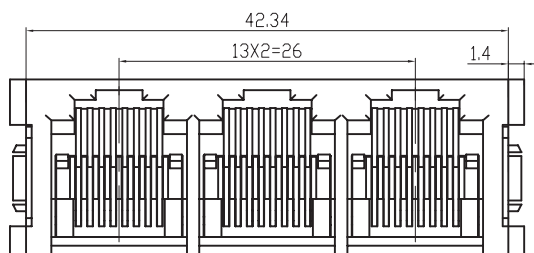
- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



PC Board Layout



ORDER INFORMATION

KLS12-303 -8P8C- 1x3-1-2-XX-X-X

Part Number	Point NO.	Ports	Iron Peg	Angle	Gold Thickness	Color	Plastic
	8P8C Point	1x1-1 Ports 1x2-2 Ports 1x3-3 Ports 1x4-4 Ports 1x5-5 Ports 1x6-6 Ports 1x7-7 Ports 1x8-8 Ports	0-Without Iron Peg 1-With Iron Peg	1-90 Angle 2-180 Angle	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u"	B-Black G-Gray W-White I-Iv	1-Nylon 2-PBT 3-ABS

PCB Modular Jack Series

KLS12-303-8P PCB Modular Jack 52 Series 1x4 Ports

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or others
- 3.Contact Material: Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.Plating: Gold plating over nickel. Gold plating thickness
1.5u"/3u"/6u"/15u"/30u"/50u"

ELECTRICAL

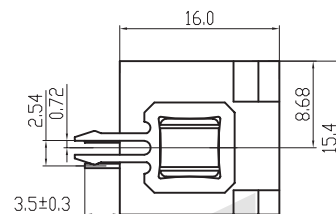
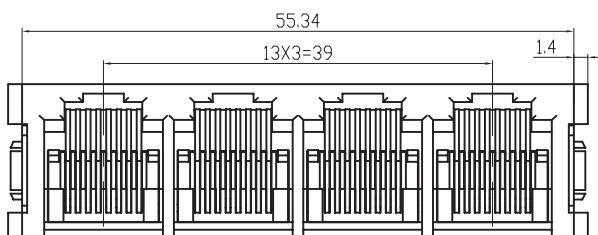
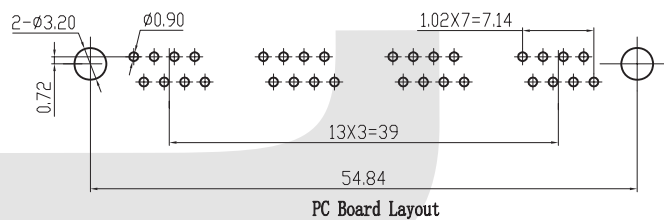
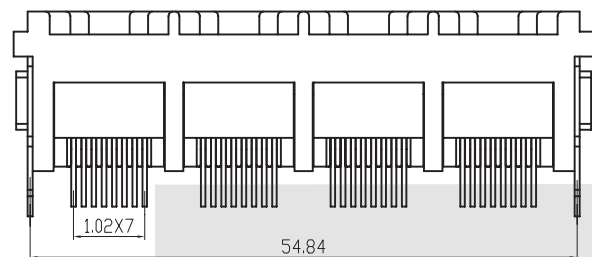
- 1.Current Rating: 1.5 Amp
- 2.Voltage Rating: 125VAC
- 3.Contact Resistance: 30 M Ω Max.
- 4.Insulation Resistance: 500 M Ω Min. @ 500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



ORDER INFORMATION

KLS12-303 -8P8C- 1x4-1-2-XX-X-X

Part Number	Point NO.	Ports	Iron Peg	Angle	Gold Thickness	Color	Plastic
	8P8C Point	1x1-1 Ports 1x2-2 Ports 1x3-3 Ports 1x4-4 Ports 1x5-5 Ports 1x6-6 Ports 1x7-7 Ports 1x8-8 Ports	0-Without Iron Peg 1-With Iron Peg	1-90 Angle 2-180 Angle	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u"	B-Black G-Gray W-White I-Iv	1-Nylon 2-PBT 3-ABS

PCB Modular Jack Series

KLS12-303-8P PCB Modular Jack 52 Series 1x5 Ports

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or others
- 3.Contact Material: Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.Plating: Gold plating over nickel. Gold plating thickness
1.5u" / 3u" / 6u" / 15u" / 30u" / 50u"

ELECTRICAL

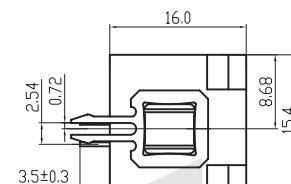
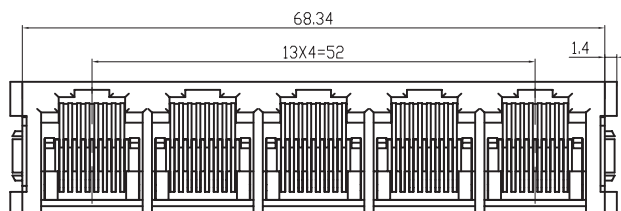
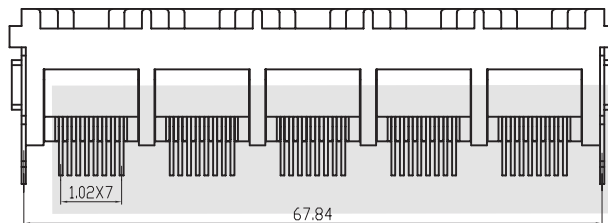
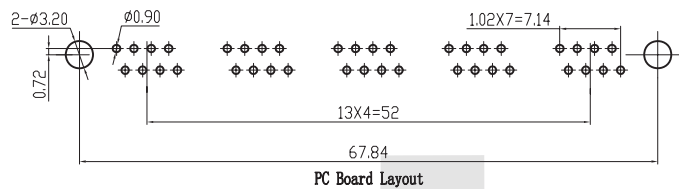
- 1.Current Rating: 1.5 Amp
- 2.Voltage Rating: 125VAC
- 3.Contact Resistance: 30 M Ω Max.
- 4.Insulation Resistance: 500 M Ω Min. @ 500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



ORDER INFORMATION

KLS12-303 -8P8C- 1x5-1-2-XX-X-X

Part Number	Point NO.	Ports	Iron Peg	Angle	Gold Thickness	Color	Plastic
	8P8C Point	1x1-1 Ports 1x2-2 Ports 1x3-3 Ports 1x4-4 Ports 1x5-5 Ports 1x6-6 Ports 1x7-7 Ports 1x8-8 Ports	0-Without Iron Peg 1-With Iron Peg	1-90 Angle 2-180 Angle	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u	B-Black G-Gray W-White I-Iv	1-Nylon 2-PBT 3-ABS

PCB Modular Jack Series

KLS12-303-8P PCB Modular Jack 52 Series 1x6 Ports

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or others
- 3.Contact Material: Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.Plating: Gold plating over nickel. Gold plating thickness
1.5u" / 3u" / 6u" / 15u" / 30u" / 50u"

ELECTRICAL

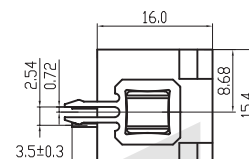
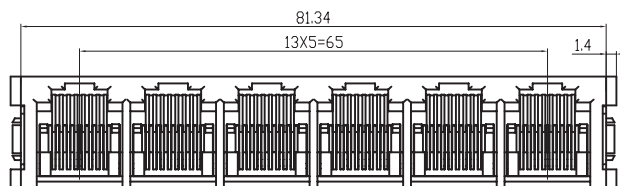
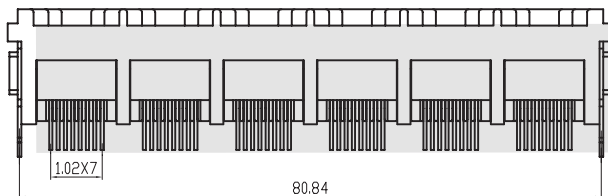
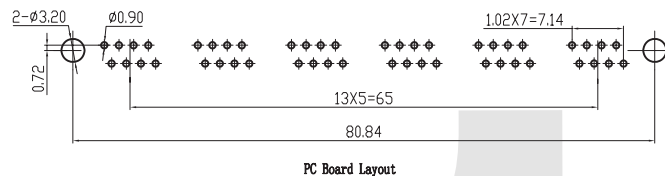
- 1.Current Rating: 1.5 Amp
- 2.Voltage Rating: 125VAC
- 3.Contact Resistance: 30 M Ω Max.
- 4.Insulation Resistance: 500 M Ω Min. @ 500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



ORDER INFORMATION

KLS12-303 -8P8C- 1x6-1-2-XX-X-X

Part Number	Point NO.	Ports	Iron Peg	Angle	Gold Thickness	Color	Plastic
	8P8C Point	1x1-1 Ports 1x2-2 Ports 1x3-3 Ports 1x4-4 Ports 1x5-5 Ports 1x6-6 Ports 1x7-7 Ports 1x8-8 Ports	0-Without Iron Peg 1-With Iron Peg	1-90 Angle 2-180 Angle	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u"	B-Black G-Gray W-White I-Iv	1-Nylon 2-PBT 3-ABS

Communication Accessories

PCB Modular Jack Series

KLS12-303-8P PCB Modular Jack 52 Series 1x7 Ports

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or others
- 3.Contact Material: Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.Plating: Gold plating over nickel. Gold plating thickness
1.5u" / 3u" / 6u" / 15u" / 30u" / 50u"

ELECTRICAL

- 1.Current Rating: 1.5 Amp
- 2.Voltage Rating: 125VAC
- 3.Contact Resistance: 30 M Ω Max.
- 4.Insulation Resistance: 500 M Ω Min. @ 500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

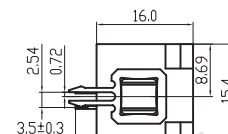
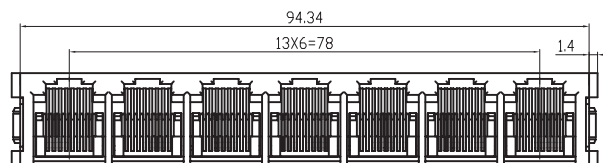
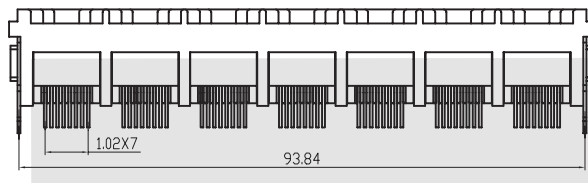
- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



PC Board Layout



ORDER INFORMATION

KLS12-303 -8P8C- 1x7-1-2-XX-X-X

Part Number	Point NO.	Ports	Iron Peg	Angle	Gold Thickness	Color	Plastic
	8P8C Point	1x1-1 Ports 1x2-2 Ports 1x3-3 Ports 1x4-4 Ports 1x5-5 Ports 1x6-6 Ports 1x7-7 Ports 1x8-8 Ports	0-Without Iron Peg 1-With Iron Peg	1-90 Angle 2-180 Angle	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u	B-Black G-Gray W-White I-Iv	1-Nylon 2-PBT 3-ABS

PCB Modular Jack Series

KLS12-303-8P PCB Modular Jack 52 Series 1x8 Ports

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or others
- 3.Contact Material: Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.Plating: Gold plating over nickel. Gold plating thickness
1.5u" / 3u" / 6u" / 15u" / 30u" / 50u"

ELECTRICAL

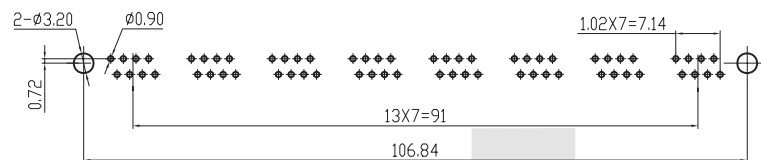
- 1.Current Rating: 1.5 Amp
- 2.Voltage Rating: 125VAC
- 3.Contact Resistance: 30 M Ω Max.
- 4.Insulation Resistance: 500 M Ω Min. @ 500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

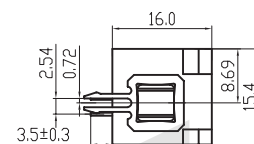
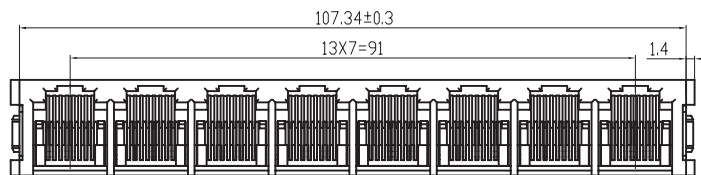
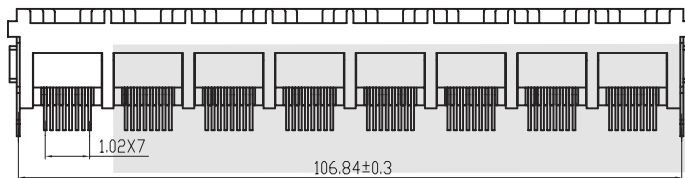
- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



PC Board Layout



ORDER INFORMATION

KLS12-303 -8P8C- 1x8-1-2-XX-X-X

Part Number	Point NO.	Ports	Iron Peg	Angle	Gold Thickness	Color	Plastic
	8P8C Point	1x1-1 Ports 1x2-2 Ports 1x3-3 Ports 1x4-4 Ports 1x5-5 Ports 1x6-6 Ports 1x7-7 Ports 1x8-8 Ports	0-Without Iron Peg 1-With Iron Peg	1-90 Angle 2-180 Angle	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u	B-Black G-Gray W-White I-Iv	1-Nylon 2-PBT 3-ABS

PCB Modular Jack Series

KLS12-304-10P PCB Modular Jack 55 Series

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or others
- 3.Contact Material: Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.PLATING: Gold plating over nickel. Gold plating thickness
1.5u"/3u"/6u"/15u"/30u"/50u"

ELECTRICAL

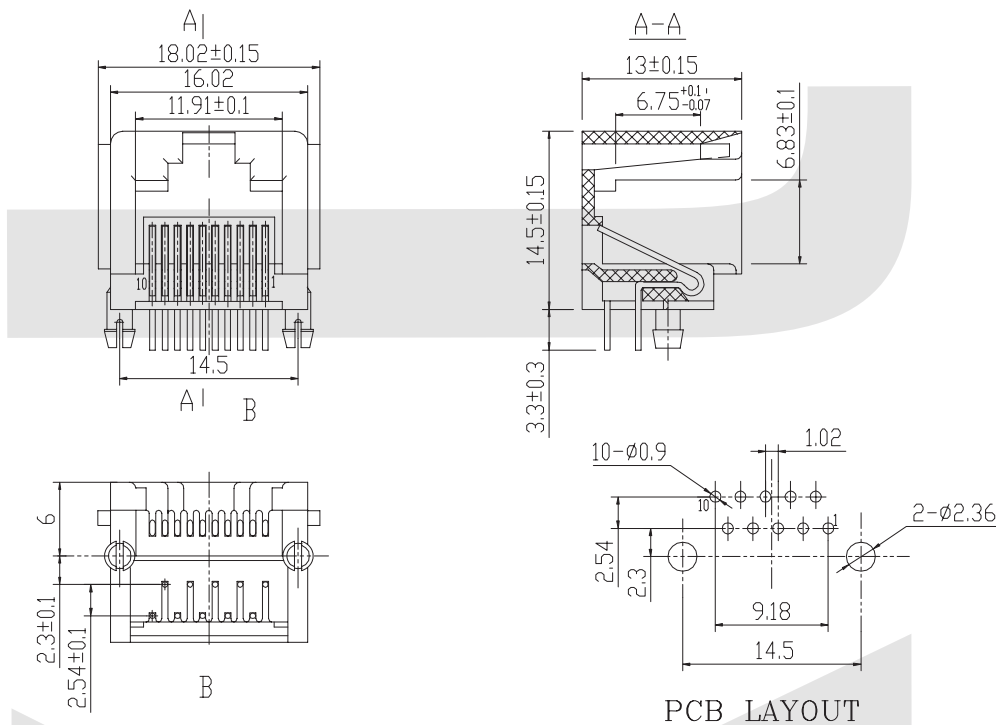
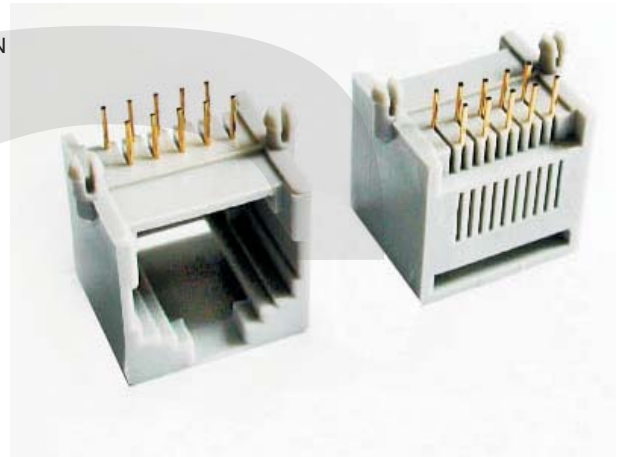
- 1.Current Rating: 1.5 Amp
- 2.Voltage Rating: 125VAC
- 3.Contact Resistance: 30 M Ω Max.
- 4.Insulation Resistance: 500 M Ω Min. @ 500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



ORDER INFORMATION

KLS12-304-10P10C-W/O-B-XX-X

Part Number	Point NO.	Panel	Part Color	Gold Thickness	Plastic
	10P10C Point 10P8C Point	W-With Panel W/O-Without Panel	1-Black 2-Gray 3-White 4-IV	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u"	1-Nylon 2-PBT 3-ABS

PCB Modular Jack Series

KLS12-310-6P PCB Modular Jack 53 Series

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or others
- 3.Contact Material: Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.PLATING: Gold plating over nickel. Gold plating thickness
1.5u" / 3u" / 6u" / 15u" / 30u" / 50u"

ELECTRICAL

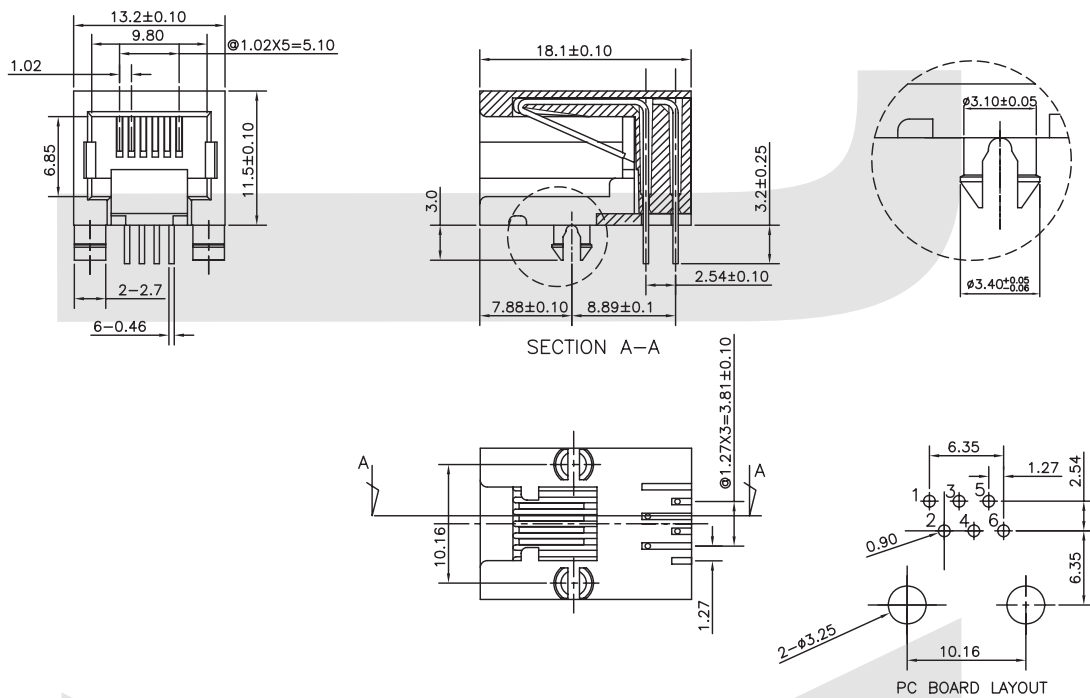
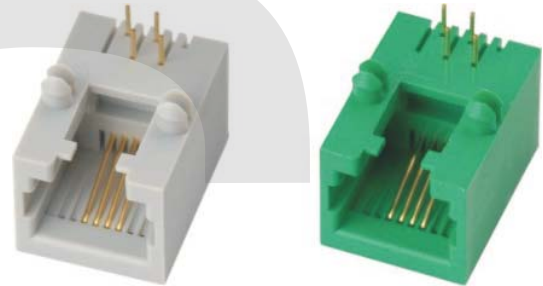
- 1.Current Rating: 1.5 Amp
- 2.Voltage Rating: 125VAC
- 3.Contact Resistance: 30 M Ω Max.
- 4.Insulation Resistance: 500 M Ω Min. @ 500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



ORDER INFORMATION

KLS12-310 - 6P6C-B-XX-X

Part Number	Point NO.	Part Color	Gold Thickness	Plastic
6P6C	Point	1-Black	01-Fu"	1-Nylon
6P4C	Point	2-Gray	02-3u"	2-PBT
6P2C	Point	3-White	03-6u"	3-ABS
		4-IV	04-15u"	
			05-30u"	
			06-50u"	

PCB Modular Jack Series

KLS12-310B-6P PCB Modular Jack 53 Series Flat Pin

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or others
- 3.Contact Material: Phosphor Bronze 0.35mm Flat Pin
- 4.PLATING: Gold plating over nickel. Gold plating thickness
1.5u"/3u"/6u"/15u"/30u"/50u"

ELECTRICAL

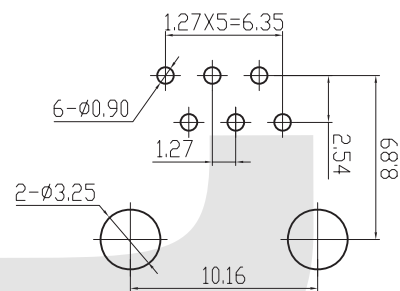
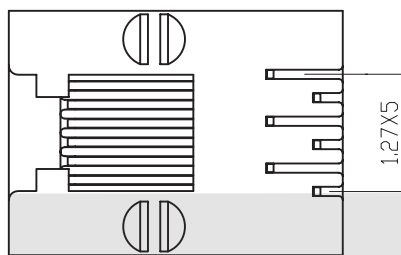
- 1.Current Rating: 1.5 Amp
- 2.Voltage Rating: 125VAC
- 3.Contact Resistance: 30 MΩ Max.
- 4.Insulation Resistance: 500 MΩ Min. @ 500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

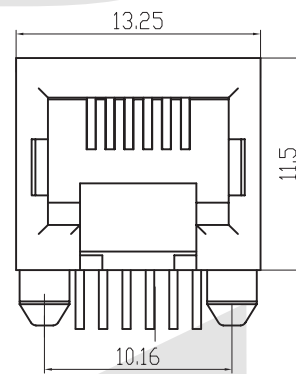
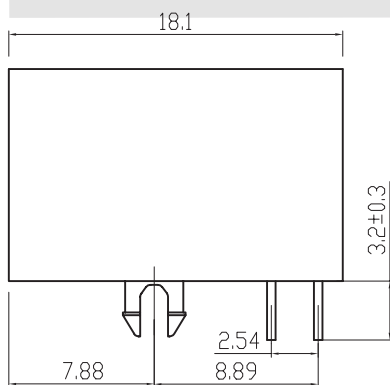
- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



PC Board Layout



ORDER INFORMATION

KLS12-310B- 6P6C-B-XX-X

Part Number	Point NO.	Part Color	Gold Thickness	Plastic
6P6C	Point	1-Black	01-Fu"	1-Nylon
6P4C	Point	2-Gray	02-3u"	2-PBT
6P2C	Point	3-White	03-6u"	3-ABS
		4-IV	04-15u"	
			05-30u"	
			06-50u"	

PCB Modular Jack Series

KLS12-311-8P PCB Modular Jack 53 Series Flat Pin

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or others
- 3.Contact Material: Phosphor Bronze 0.35mm Flat Pin
- 4.PLATING: Gold plating over nickel. Gold plating thickness 1.5u"/3u"/6u"/15u"/30u"/50u"

ELECTRICAL

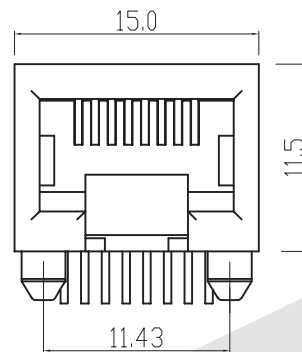
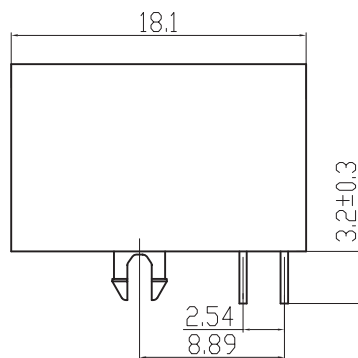
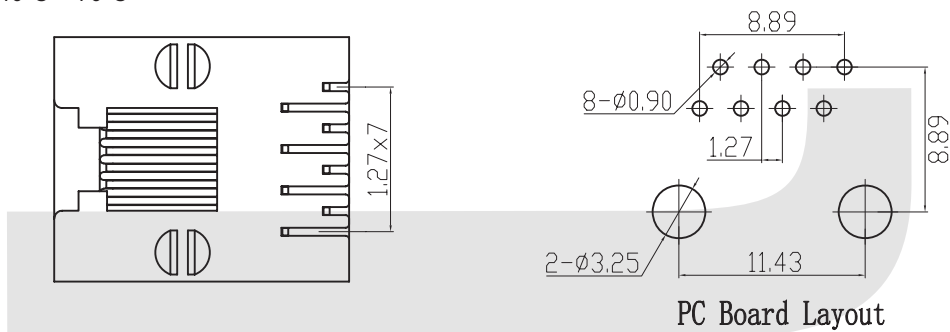
- 1.Current Rating: 1.5 Amp
- 2.Voltage Rating: 125VAC
- 3.Contact Resistance: 30 MΩ Max.
- 4.Insulation Resistance: 500 MΩ Min. @ 500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



ORDER INFORMATION

KLS12-311- 8P8C-B-XX-X

Part Number	Point NO.	Part Color	Gold Thickness	Plastic
8P8C	Point	1-Black	01-Fu"	1-Nylon
8P6C	Point	2-Gray	02-3u"	2-PBT
8P4C	Point	3-White	03-6u"	3-ABS
		4-IV	04-15u"	
			05-30u"	
			06-50u"	

PCB Modular Jack Series

KLS12-312-10P PCB Modular Jack 56 Series

MATERIAL

- 1.Housing Material : Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color : Black, Gray, Ivory, White or others
- 3.Contact Material : Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.PLATING: Gold plating over nickel. Gold plating thickness
1.5u"/3u"/6u"/15u"/30u"/50u"

ELECTRICAL

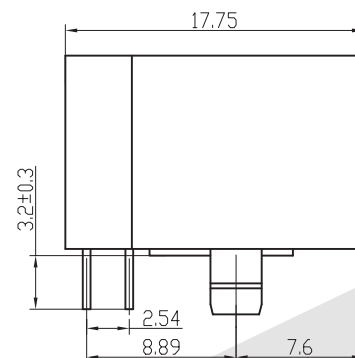
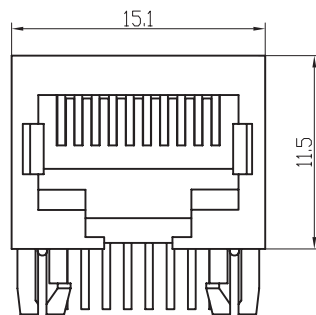
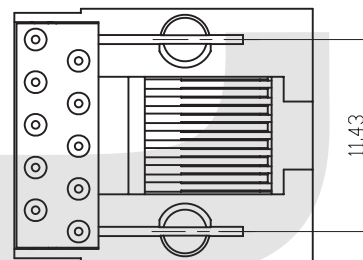
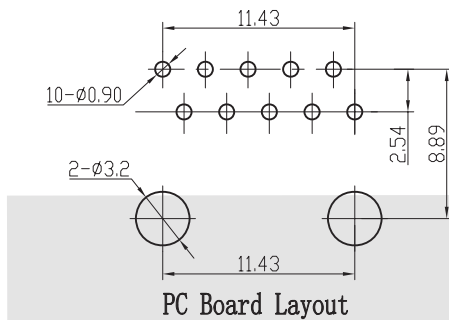
- 1.Current Rating:1.5Amp
- 2.Voltage Rating:125VAC
- 3.Contact Resistance : 30M Ω Max.
- 4.Insulation Resistance : 500 M Ω Min @500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min
- 2.PCB Retention pre-solder : 1 LB Min

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



ORDER INFORMATION

KLS12-312 - 10P8C-B-XX-X

Part Number	Point NO.	Part Color	Gold Thickness	Plastic
	10P10C Point 10P8C Point	1-Black 2-Gray 3-White 4-IV	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u"	1-Nylon 2-PBT 3-ABS

PCB Modular Jack Series

KLS12-312-10P PCB Modular Jack 56 Series 1x2 Ports

MATERIAL

- 1.Housing Material : Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color : Black, Gray, Ivory, White or others
- 3.Contact Material : Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.PLATING: Gold plating over nickel. Gold plating thickness
1.5u"/3u"/6u"/15u"/30u"/50u"

ELECTRICAL

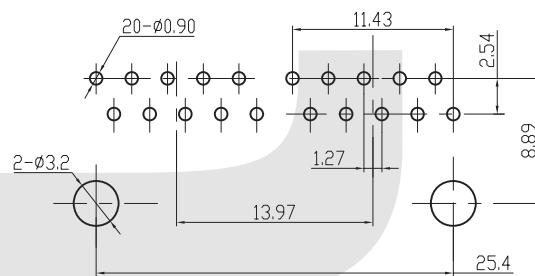
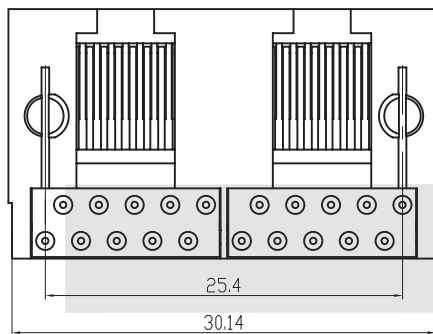
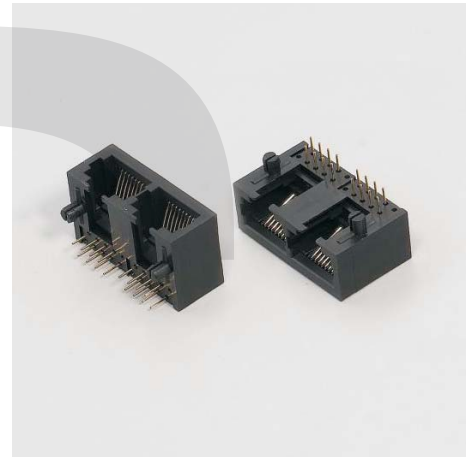
- 1.Current Rating:1.5Amp
- 2.Voltage Rating:125VAC
- 3.Contact Resistance : 30M Ω Max.
- 4.Insulation Resistance : 500 M Ω Min @500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

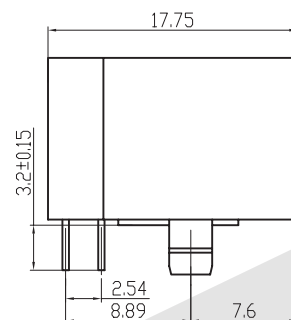
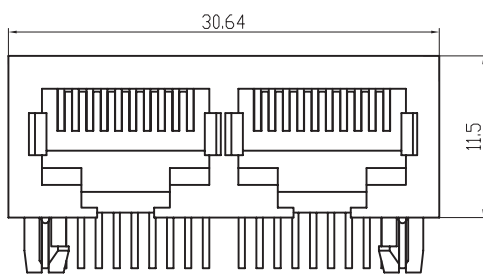
- 1.Durability : 750 cycles Min
- 2.PCB Retention pre-solder : 1 LB Min

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



PC Board Layout



ORDER INFORMATION

KLS12-312 - 10P10C-1x2-B-XX-X

Part Number	Point NO.	Ports	Part Color	Gold Thickness	Plastic
	10P10C Point 10P8C Point	1x2-2 Ports 1x4-4 Ports	1-Black 2-Gray 3-White 4-IV	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u	1-Nylon 2-PBT 3-ABS

PCB Modular Jack Series

KLS12-312-10P PCB Modular Jack 56 Series 1x4 Ports

MATERIAL

- 1.Housing Material : Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color : Black, Gray, Ivory, White or others
- 3.Contact Material : Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.PLATING: Gold plating over nickel. Gold plating thickness
1.5u"/3u"/6u"/15u"/30u"/50u"

ELECTRICAL

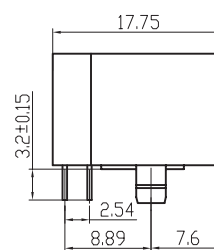
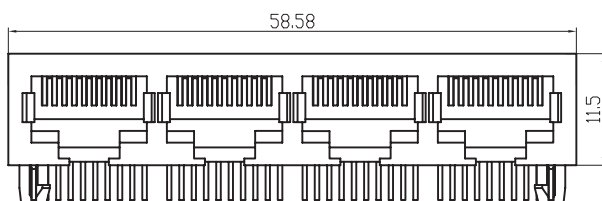
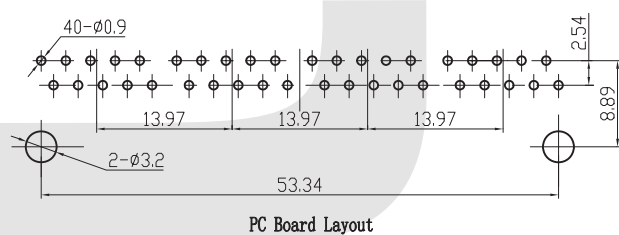
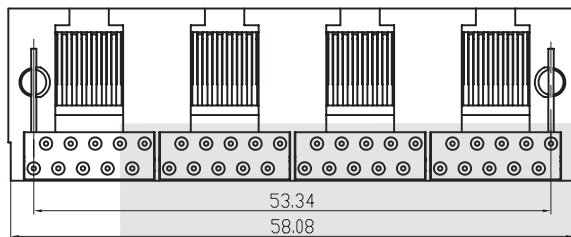
- 1.Current Rating:1.5Amp
- 2.Voltage Rating:125VAC
- 3.Contact Resistance : 30M Ω Max.
- 4.Insulation Resistance : 500 M Ω Min @500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min
- 2.PCB Retention pre-solder : 1 LB Min

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



ORDER INFORMATION

KLS12-312 - 10P10C-1x4-B-XX-X

Part Number	Point NO.	Ports	Part Color	Gold Thickness	Plastic
	10P10C Point 10P8C Point	1x2-2 Ports 1x4-4 Ports	1-Black 2-Gray 3-White 4-IV	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u	1-Nylon 2-PBT 3-ABS

PCB Modular Jack Series

KLS12-316-10P PCB Modular Jack 53 Series With Shielded

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or others
- 3.Contact Material: Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.PLATING: Gold plating over nickel. Gold plating thickness
1.5u" / 3u" / 6u" / 15u" / 30u" / 50u"
- 5.SHIELD: 0.23 Thickness Brass with nickel plated

ELECTRICAL

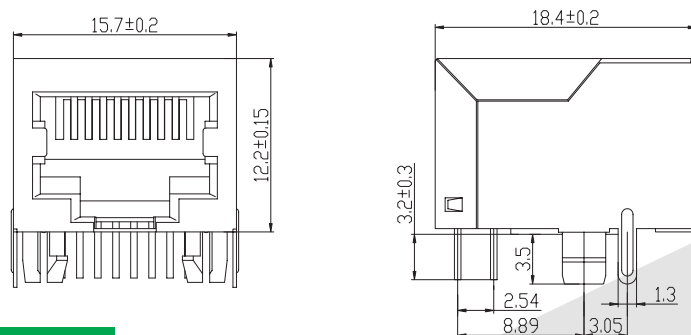
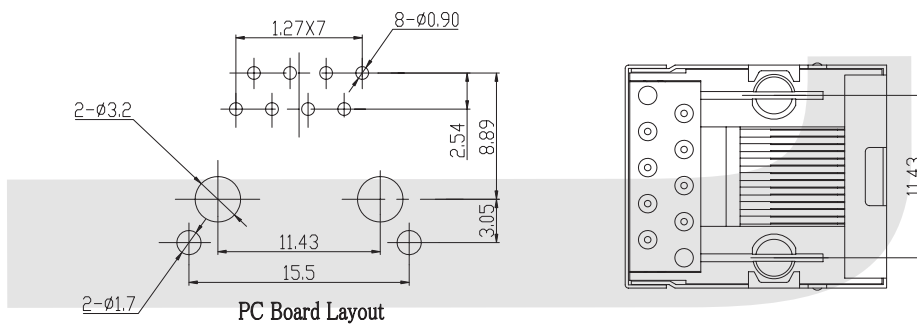
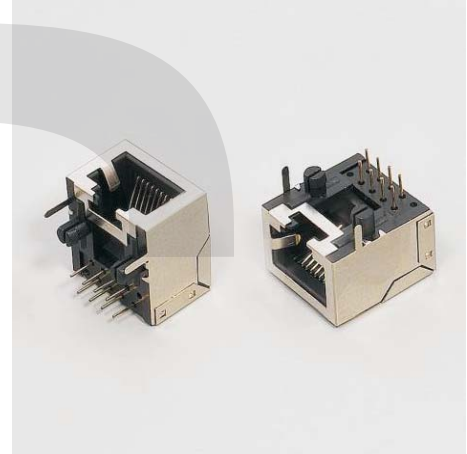
- 1.Current Rating: 1.5 Amp
- 2.Voltage Rating: 125VAC
- 3.Contact Resistance: 30 m Ω Max.
- 4.Insulation Resistance: 500 M Ω Min. @ 500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage : -40°C~+80°C
- 2.Operation:-40°C~+70°C



ORDER INFORMATION

KLS12-316 - 10P8C- F-1-XX-X

Part Number	Point NO.	Shielded	Back Peg	Gold Thickness	Plastic
	10P10C Point 10P8C Point	F-Full Shielded E-Shielded with EMI	1-Front Peg 3.05 2-Front Peg 3.68 3-Front Peg 4.57 4-Back Peg 3.05	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u"	1-Nylon 2-PBT 3-ABS

PCB Modular Jack Series

KLS12-316-10P PCB Modular Jack 53 Series With Shielded and EMI

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or others
- 3.Contact Material: Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.PLATING: Gold plating over nickel. Gold plating thickness
1.5u" / 3u" / 6u" / 15u" / 30u" / 50u"
- 5.SHIELD: 0.23 Thickness Brass with nickel plated

ELECTRICAL

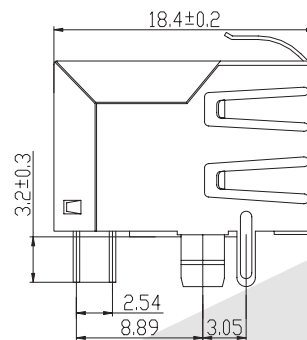
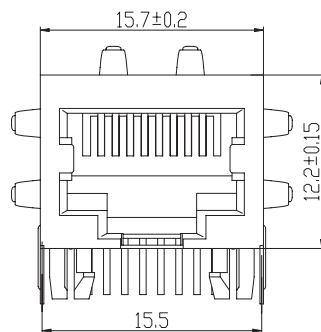
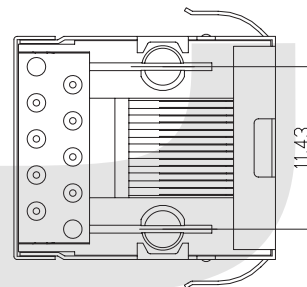
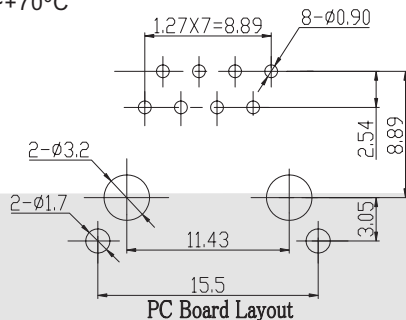
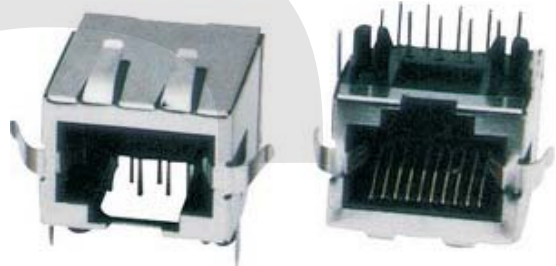
- 1.Current Rating: 1.5 Amp
- 2.Voltage Rating: 125VAC
- 3.Contact Resistance: 30 M Ω Max.
- 4.Insulation Resistance: 500 M Ω Min. @ 500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage : -40°C~+80°C
- 2.Operation:-40°C~+70°C



ORDER INFORMATION

KLS12-316 - 10P8C- E-1-XX-X

Part Number	Point NO.	Shielded	Back Peg	Gold Thickness	Plastic
10P10C	Point	F-Full Shielded	1-Front Peg 3.05	01-Fu"	1-Nylon
10P8C	Point	E-Shielded with EMI	2-Front Peg 3.68	02-3u"	2-PBT
			3-Front Peg 4.57	03-6u"	3-ABS
			4-Back Peg 3.05	04-15u"	
				05-30u"	
				06-50u"	

PCB Modular Jack Series

KLS12-317-6P PCB Modular Jack Mini 53 Series

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or others
- 3.Contact Material: Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.PLATING: Gold plating over nickel. Gold plating thickness
1.5u"/3u"/6u"/15u"/30u"/50u"

ELECTRICAL

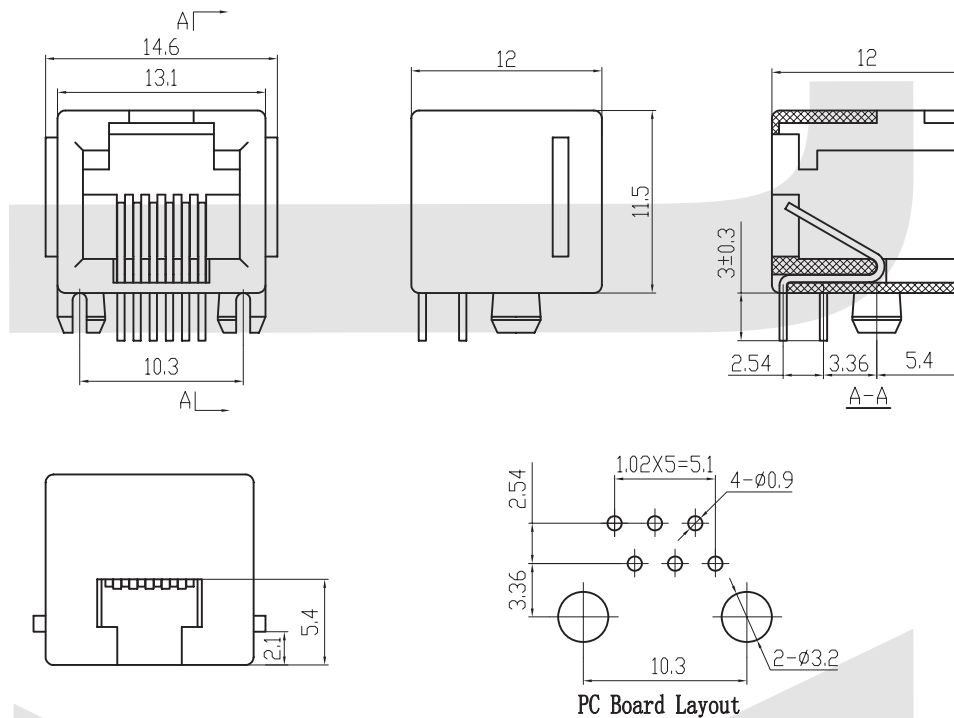
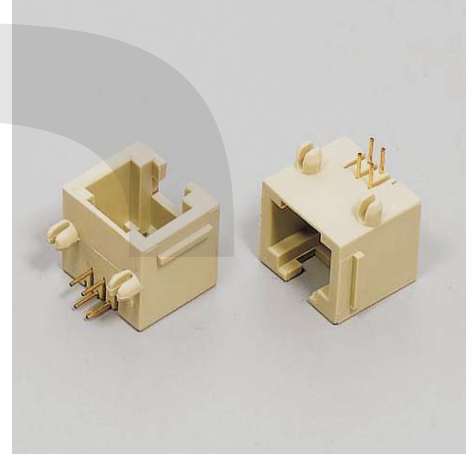
- 1.Current Rating: 1.5 Amp
- 2.Voltage Rating: 125VAC
- 3.Contact Resistance: 30 M Ω Max.
- 4.Insulation Resistance: 500 M Ω Min. @ 500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



ORDER INFORMATION

KLS12-317- 6P6C-W-B-XX-X

Part Number	Point NO.	Panel	Part Color	Gold Thickness	Plastic
8P8C	Point	W-With Panel	1-Black	01-Fu"	1-Nylon
8P6C	Point	W/O-Without	2-Gray	02-3u"	2-PBT
8P4C	Point	Panel	3-White	03-6u"	3-ABS
			4-IV	04-15u"	
				05-30u"	
				06-50u"	

PCB Modular Jack Series

KLS12-318-6P PCB Modular Jack 57 Series With Half Shielded

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or Others
- 3.Contact Material: Phosphor Bronze 0.35mm Flat Pin
- 4.Plating: Gold plating over nickel. Gold plating thickness
1.5u" / 3u" / 6u" / 15u" / 30u" / 50u"
- 5.Shield : 0.23 Thickness Brass With Nickel Plated

ELECTRICAL

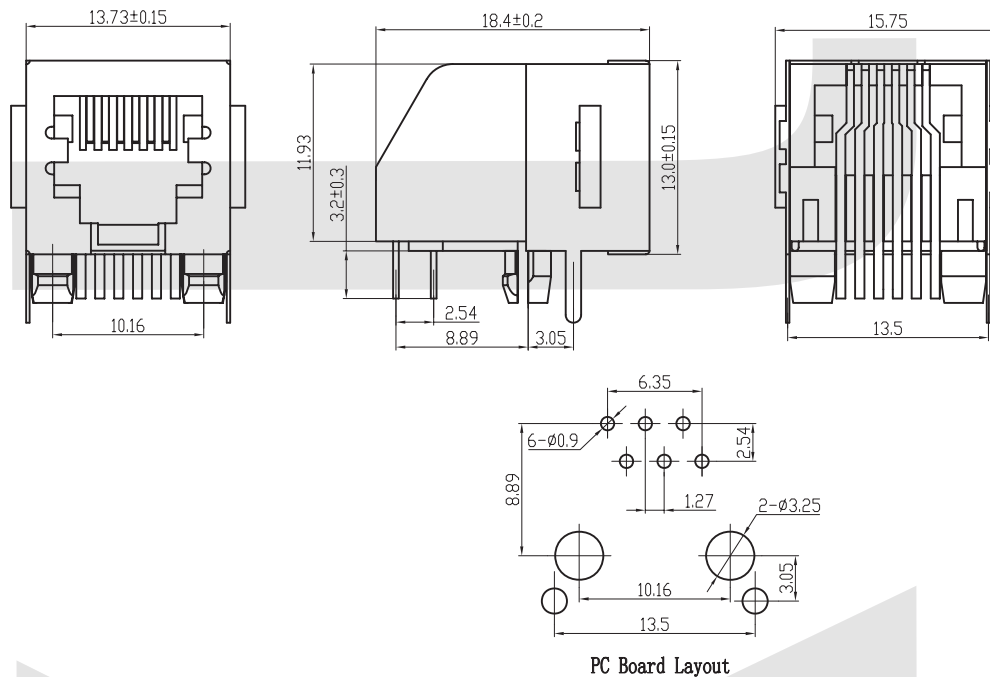
- 1.Current Rating:1.5Amp
- 2.Voltage Rating:125VAC
- 3.Contact Resistance: 30 MΩ Max.
- 4.Insulation Resistance: 500 MΩ Min. @500VDC
- 5.Withstanding Voltage:1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



ORDER INFORMATION

KLS12-318 - 6P6C-XX-X

Part Number

Point NO.

Gold Thickness

Plastic

6P6C Point
6P4C Point

01-Fu"
02-3u"
03-6u"
04-15u"
05-30u"
06-50u"

1-Nylon
2-PBT
3-ABS

PCB Modular Jack Series

KLS12-319-8P PCB Modular Jack 57 Series With Half Shielded

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or Others
- 3.Contact Material: Phosphor Bronze 0.35mm Flat Pin
- 4.Plating: Gold plating over nickel. Gold plating thickness
1.5u" / 3u" / 6u" / 15u" / 30u" / 50u"
- 5.Shield : 0.23 Thickness Brass With Nickel Plated

ELECTRICAL

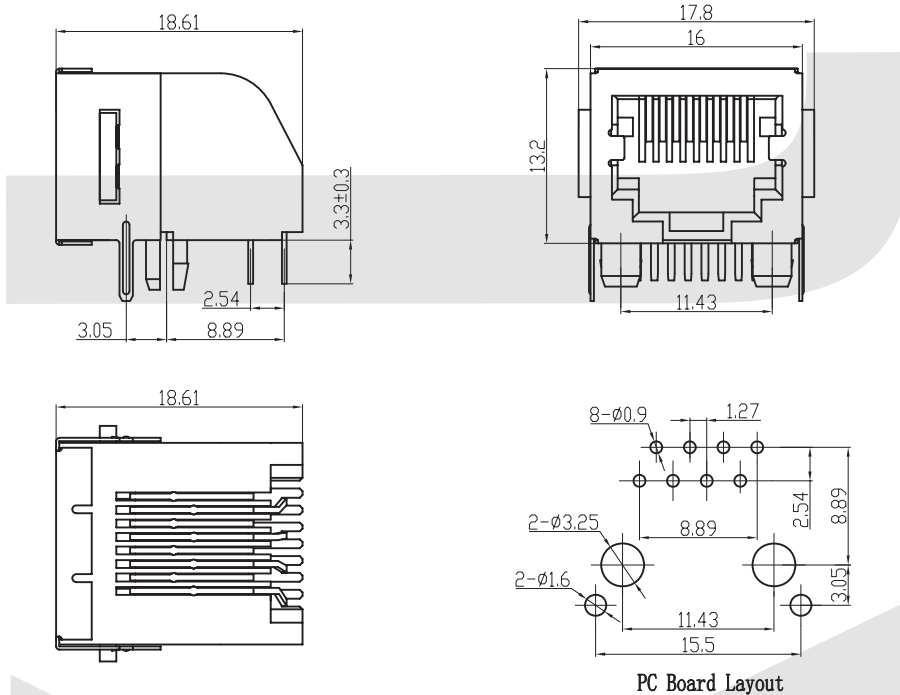
- 1.Current Rating:1.5Amp
- 2.Voltage Rating:125VAC
- 3.Contact Resistance: 30 MΩ Max.
- 4.Insulation Resistance: 500 MΩ Min. @500VDC
- 5.Withstanding Voltage:1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



ORDER INFORMATION

KLS12-319 - 8P8C-XX-X

Part Number	Point NO.	Gold Thickness	Plastic
8P8C	Point	01-Fu"	1-Nylon
8P6C	Point	02-3u"	2-PBT
8P4C	Point	03-6u"	3-ABS
		04-15u"	
		05-30u"	
		06-50u"	

PCB Modular Jack Series

KLS12-320-6P PCB Modular Jack 59 Series With EMI Shielded

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or others
- 3.Contact Material: Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.Plating: Gold plating over nickel. Gold plating thickness
1.5u" / 3u" / 6u" / 15u" / 30u" / 50u"
- 5.Shield: 0.23 Thickness Brass with nickel plated

ELECTRICAL

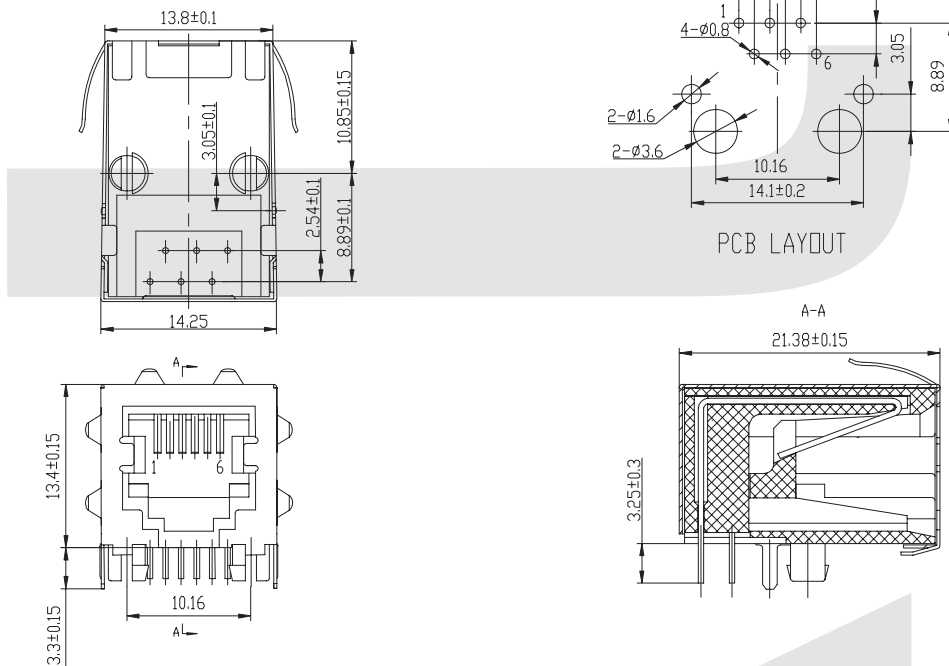
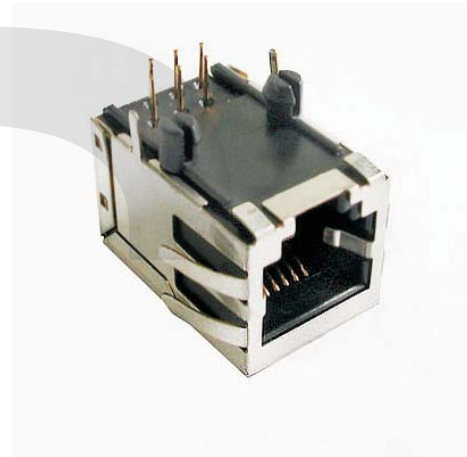
- 1.Current Rating: 1.5 Amp
- 2.Voltage Rating: 125VAC
- 3.Contact Resistance: 30 M Ω Max.
- 4.Insulation Resistance: 500 M Ω Min. @ 500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage : -40°C~+80°C
- 2.Operation:-40°C~+70°C



ORDER INFORMATION

KLS12-320 - 6P6C-E - 1 -XX-X

Part Number	Point NO.	Shield	Peg/TAB	Gold Thickness	Plastic
	6P6C Point	W-With Shield E-Shield With EMI	0-W/O Peg 1-Front Peg 3.05 2-Front Peg 3.68 3-Front Peg 4.57 4-Back Peg 3.05	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u"	1-Nylon 2-PBT 3-ABS

PCB Modular Jack Series

KLS12-323-8P PCB Modular Jack 59 Series 1x2 Ports

MATERIAL

- 1.Housing Material : Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color : Black, Gray, Ivory, White or others
- 3.Contact Material : Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.PLATING: Gold plating over nickel. Gold plating thickness
1.5u"/3u"/6u"/15u"/30u"/50u"

ELECTRICAL

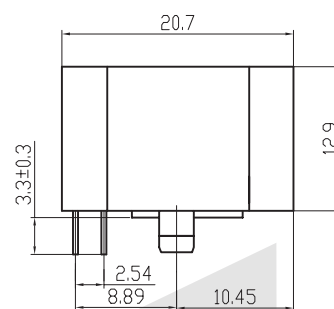
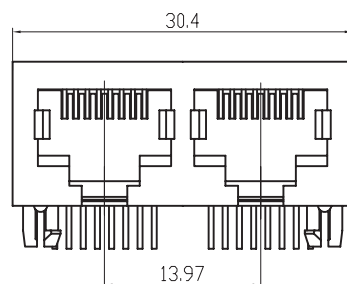
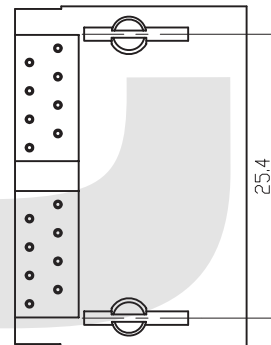
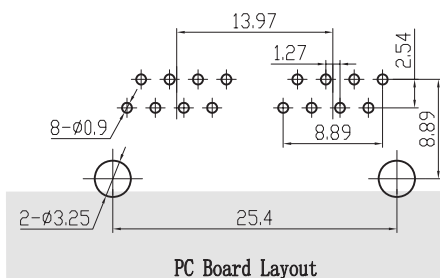
- 1.Current Rating:1.5Amp
- 2.Voltage Rating:125VAC
- 3.Contact Resistance : 30M Ω Max.
- 4.Insulation Resistance : 500 M Ω Min @500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min
- 2.PCB Retention pre-solder : 1 LB Min

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



ORDER INFORMATION

KLS12-323 - 8P8C - 1x2-B-XX-X

Part Number	Point NO.	Ports	Part Color	Gold Thickness	Plastic
	8P8C Point	1x2-2 Ports 1x4-4 Ports 1x5-5 Ports 1x6-6 Ports 1x8-8 Ports	1-Black 2-Gray 3-White 4-IV	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u"	1-Nylon 2-PBT 3-ABS

PCB Modular Jack Series

KLS12-323-8P PCB Modular Jack 59 Series 1x4 Ports

MATERIAL

- 1.Housing Material : Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color : Black, Gray, Ivory, White or others
- 3.Contact Material : Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.PLATING: Gold plating over nickel. Gold plating thickness
1.5u"/3u"/6u"/15u"/30u"/50u"

ELECTRICAL

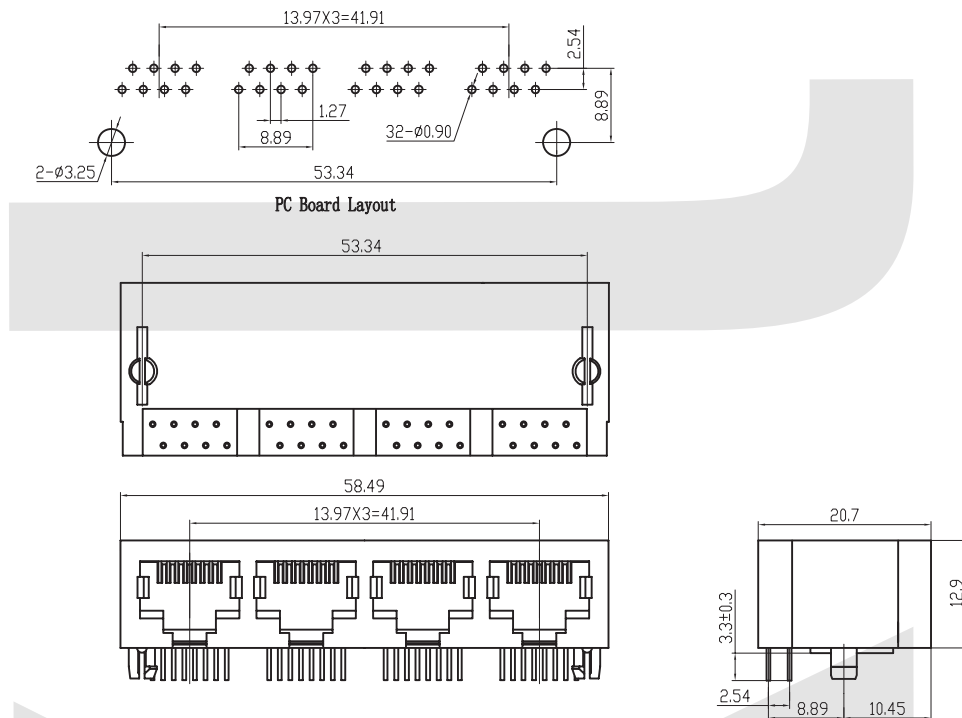
- 1.Current Rating:1.5Amp
- 2.Voltage Rating:125VAC
- 3.Contact Resistance : 30M Ω Max.
- 4.Insulation Resistance : 500 M Ω Min @500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min
- 2.PCB Retention pre-solder : 1 LB Min

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



ORDER INFORMATION

KLS12-323 - 8P8C - 1x4-B-XX-X

Part Number	Point NO.	Ports	Part Color	Gold Thickness	Plastic
	8P8C Point	1x2-2 Ports 1x4-4 Ports 1x5-5 Ports 1x6-6 Ports 1x8-8 Ports	1-Black 2-Gray 3-White 4-IV	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u"	1-Nylon 2-PBT 3-ABS

PCB Modular Jack Series

KLS12-323-8P PCB Modular Jack 59 Series 1x5 Ports

MATERIAL

- 1.Housing Material : Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color : Black, Gray, Ivory, White or others
- 3.Contact Material : Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.PLATING: Gold plating over nickel. Gold plating thickness
1.5u"/3u"/6u"/15u"/30u"/50u"

ELECTRICAL

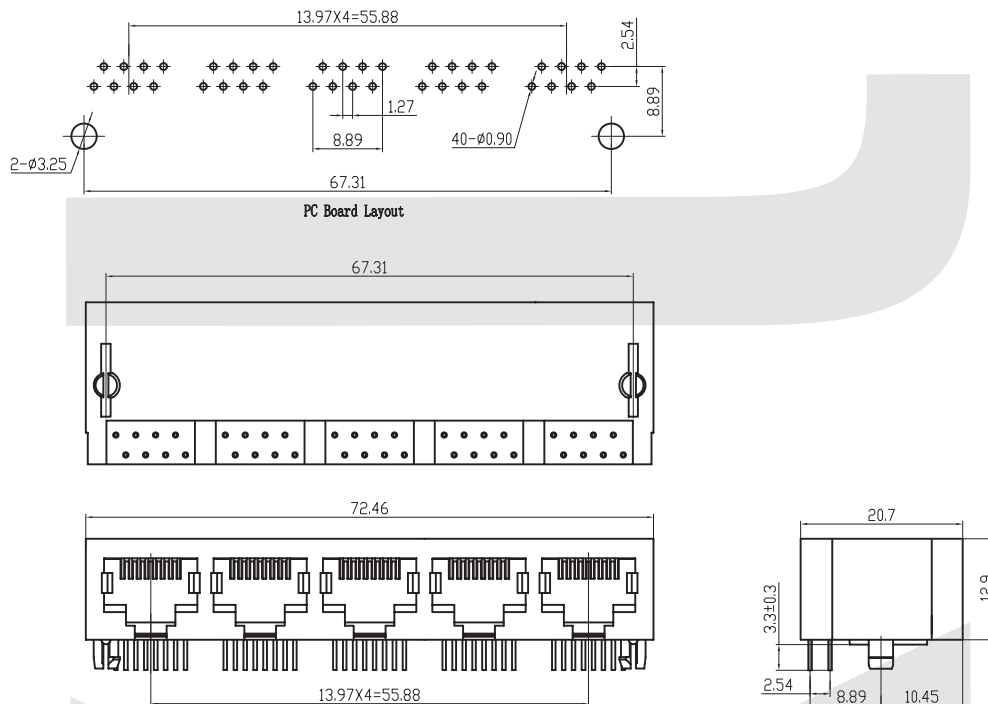
- 1.Current Rating:1.5Amp
- 2.Voltage Rating:125VAC
- 3.Contact Resistance : 30M Ω Max.
- 4.Insulation Resistance : 500 M Ω Min @500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min
- 2.PCB Retention pre-solder : 1 LB Min

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



ORDER INFORMATION

KLS12-323 - 8P8C - 1x5-B-XX-X

Part Number	Point NO.	Ports	Part Color	Gold Thickness	Plastic
	8P8C Point	1x2-2 Ports 1x4-4 Ports 1x5-5 Ports 1x6-6 Ports 1x8-8 Ports	1-Black 2-Gray 3-White 4-IV	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u"	1-Nylon 2-PBT 3-ABS

PCB Modular Jack Series

KLS12-323-8P PCB Modular Jack 59 Series 1x6 Ports

MATERIAL

- 1.Housing Material : Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color : Black, Gray, Ivory, White or others
- 3.Contact Material : Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.PLATING: Gold plating over nickel. Gold plating thickness
1.5u"/3u"/6u"/15u"/30u"/50u"

ELECTRICAL

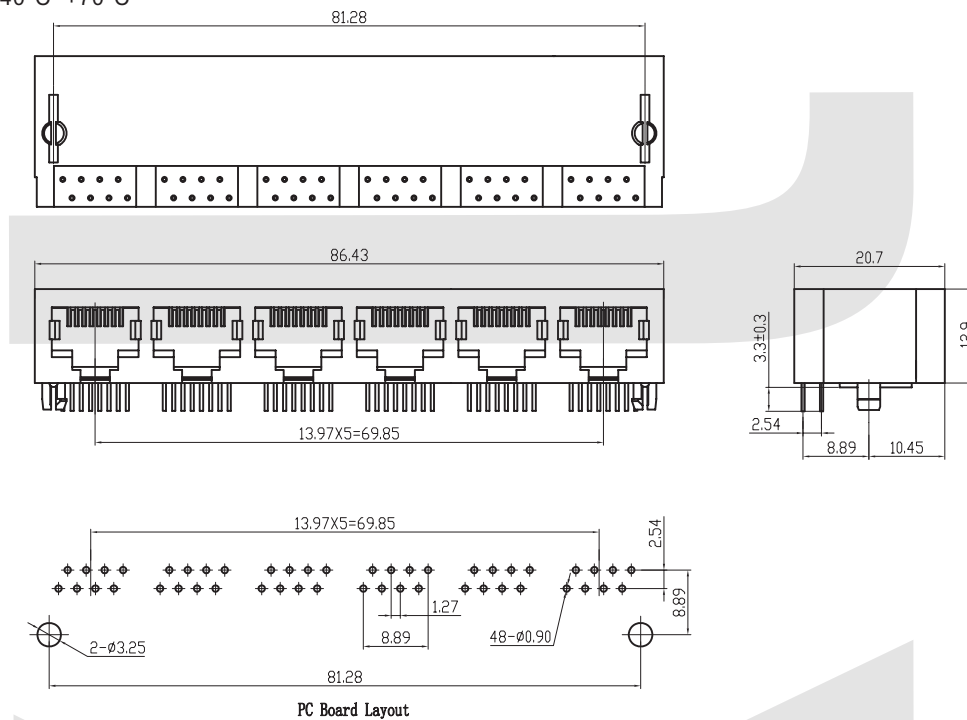
- 1.Current Rating:1.5Amp
- 2.Voltage Rating:125VAC
- 3.Contact Resistance : 30M Ω Max.
- 4.Insulation Resistance : 500 M Ω Min @500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min
- 2.PCB Retention pre-solder : 1 LB Min

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



ORDER INFORMATION

KLS12-323 - 8P8C - 1x6-B-XX-X

Part Number	Point NO.	Ports	Part Color	Gold Thickness	Plastic
	8P8C Point	1x2-2 Ports 1x4-4 Ports 1x5-5 Ports 1x6-6 Ports 1x8-8 Ports	1-Black 2-Gray 3-White 4-IV	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u"	1-Nylon 2-PBT 3-ABS

Communication Accessories

PCB Modular Jack Series

KLS12-323-8P PCB Modular Jack 59 Series 1x8 Ports

MATERIAL

- 1.Housing Material : Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color : Black, Gray, Ivory, White or others
- 3.Contact Material : Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.PLATING: Gold plating over nickel. Gold plating thickness
1.5u"/3u"/6u"/15u"/30u"/50u"

ELECTRICAL

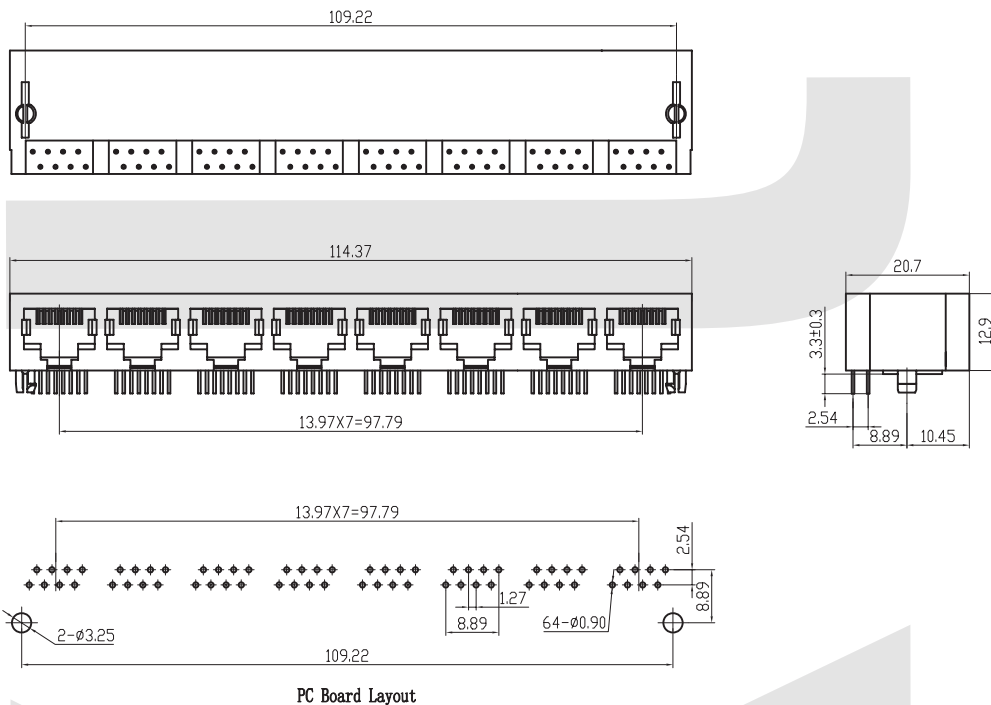
- 1.Current Rating:1.5Amp
- 2.Voltage Rating:125VAC
- 3.Contact Resistance : 30M Ω Max.
- 4.Insulation Resistance : 500 M Ω Min @500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min
- 2.PCB Retention pre-solder : 1 LB Min

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



ORDER INFORMATION

KLS12-323 - 8P8C - 1x8-B-XX-X

Part Number	Point NO.	Ports	Part Color	Gold Thickness	Plastic
	8P8C Point	1x2-2 Ports 1x4-4 Ports 1x5-5 Ports 1x6-6 Ports 1x8-8 Ports	1-Black 2-Gray 3-White 4-IV	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u"	1-Nylon 2-PBT 3-ABS

PCB Modular Jack Series

KLS12-101-8P PCB Modular Jack 59 Series With EMI Shielded 2x1 Ports

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or others
- 3.Contact Material: Phosphor Bronze Φ0.46mm
- 4.Plating: Gold plating over nickel. Gold plating thickness
1.5u "/ 3u " / 6u " / 15u " / 30u " / 50u "
- 5.Shield: 0.23 Thickness Brass with nickel plated

ELECTRICAL

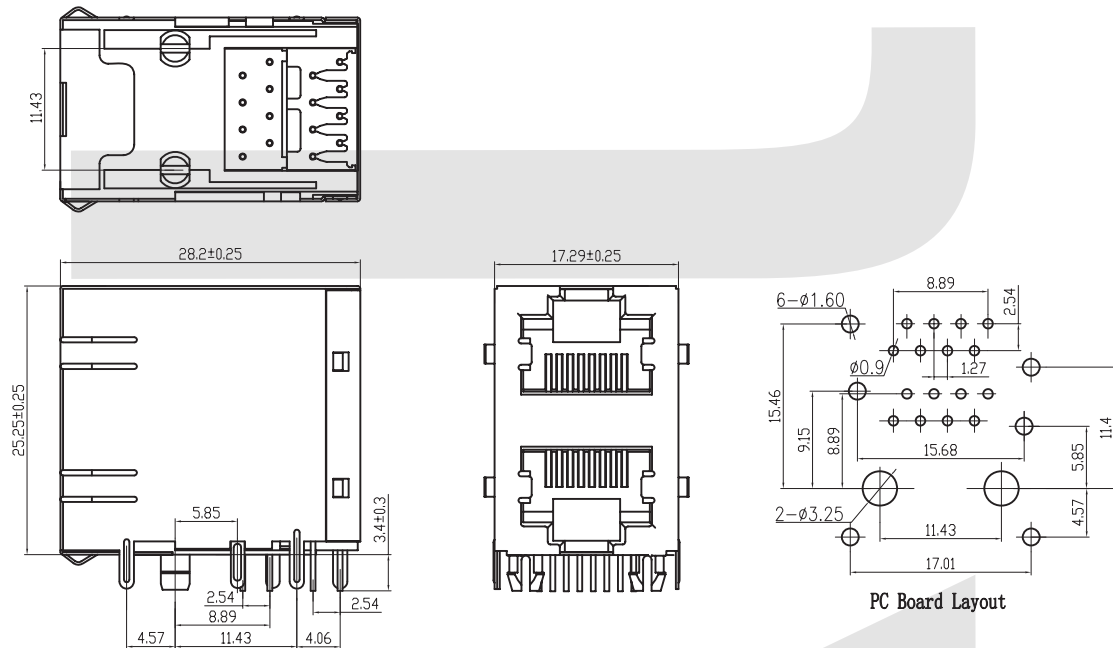
- 1.Current Rating: 1.5 Amp
- 2.Voltage Rating: 125VAC
- 3.Contact Resistance: 30 MΩ Max.
- 4.Insulation Resistance: 500 MΩ Min. @ 500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min.
2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
2.Operation:-40°C~+70°C



ORDER INFORMATION

KLS12-101 -8P8C- W-XX-X

Part Number	Point NO.	Shield	Gold Thickness	Plastic
8P8C	Point	W-With EMI Shielded W/O-Without EMI Shielded	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u"	1-Nylon 2-PBT 3-ABS

PCB Modular Jack Series

KLS12-102-8P PCB Modular Jack 59 Series With EMI Shielded 2x2 Ports

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or others
- 3.Contact Material: Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.Plating: Gold plating over nickel. Gold plating thickness
1.5u" / 3u" / 6u" / 15u" / 30u" / 50u"
- 5.Shield: 0.23 Thickness Brass with nickel plated

ELECTRICAL

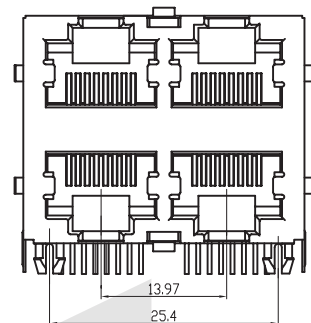
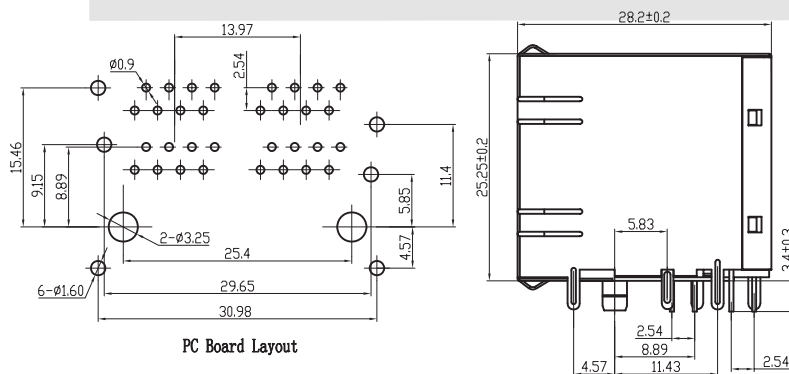
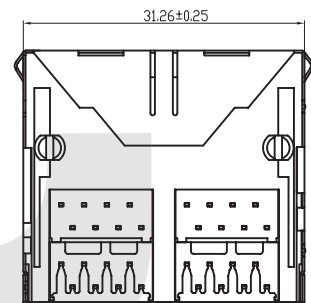
- 1.Current Rating: 1.5 Amp
- 2.Voltage Rating: 125VAC
- 3.Contact Resistance: 30 M Ω Max.
- 4.Insulation Resistance: 500 M Ω Min. @ 500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



ORDER INFORMATION

KLS12-102 -8P8C- 2x2-W-XX-X

Part Number	Point NO.	Ports	Shield	Gold Thickness	Plastic
	8P8C Point	2x2-4 Ports 2x4-8 Ports 2x6-12 Ports 2x8-16 Ports	W-With EMI Shielded W/O-Without EMI Shielded	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u	1-Nylon 2-PBT 3-ABS

PCB Modular Jack Series

KLS12-102-8P PCB Modular Jack 59 Series With EMI Shielded 2x4 Ports

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or others
- 3.Contact Material: Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.Plating: Gold plating over nickel. Gold plating thickness
1.5u" / 3u" / 6u" / 15u" / 30u" / 50u"
- 5.Shield: 0.23 Thickness Brass with nickel plated

ELECTRICAL

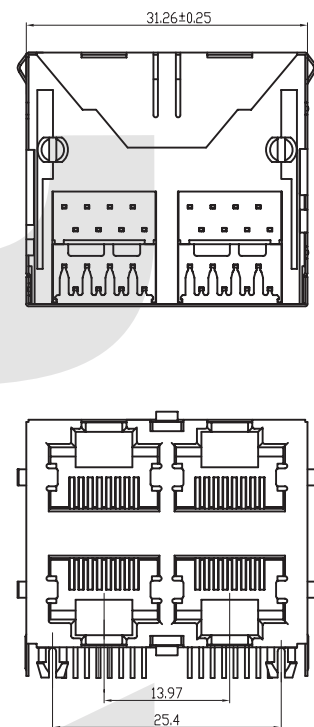
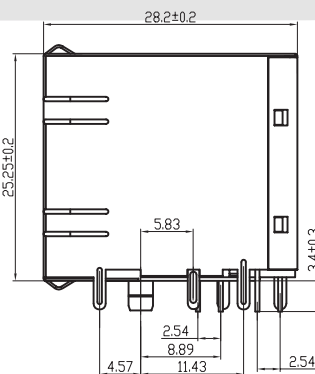
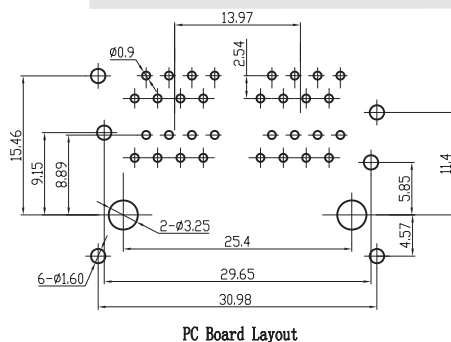
- 1.Current Rating: 1.5 Amp
- 2.Voltage Rating: 125VAC
- 3.Contact Resistance: 30 M Ω Max.
- 4.Insulation Resistance: 500 M Ω Min. @ 500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage :-40°C~+80°C
- 2.Operation:-40°C~+70°C



ORDER INFORMATION

KLS12-102 -8P8C- 2x4-W-XX-X

Part Number	Point NO.	Ports	Shield	Gold Thickness	Plastic
	8P8C Point	2x2-4 Ports 2x4-8 Ports 2x6-12 Ports 2x8-16 Ports	W-With EMI Shielded W/O-Without EMI Shielded	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u	1-Nylon 2-PBT 3-ABS

PCB Modular Jack Series

KLS12-102-8P PCB Modular Jack 59 Series With EMI Shielded 2x6 Ports

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or others
- 3.Contact Material: Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.Plating: Gold plating over nickel. Gold plating thickness
1.5u" / 3u" / 6u" / 15u" / 30u" / 50u"
- 5.Shield: 0.23 Thickness Brass with nickel plated

ELECTRICAL

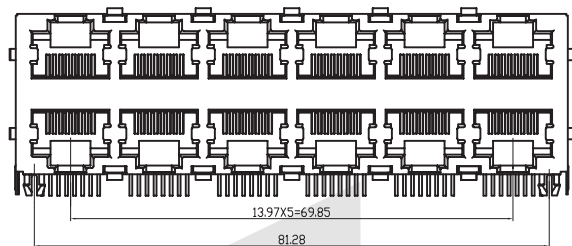
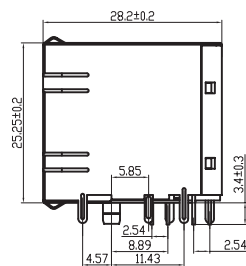
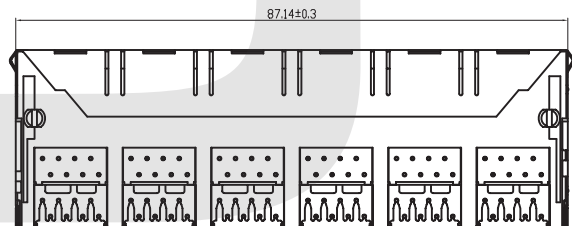
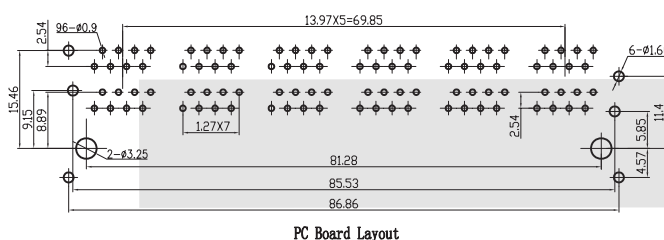
- 1.Current Rating: 1.5 Amp
- 2.Voltage Rating: 125VAC
- 3.Contact Resistance: 30 M Ω Max.
- 4.Insulation Resistance: 500 M Ω Min. @ 500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage : -40°C~+80°C
- 2.Operation:-40°C~+70°C



ORDER INFORMATION

KLS12-102 -8P8C- 2x6-W-XX-X

Part Number	Point NO.	Ports	Shield	Gold Thickness	Plastic
	8P8C Point	2x2-4 Ports 2x4-8 Ports 2x6-12 Ports 2x8-16 Ports	W-With EMI Shielded W/O-Without EMI Shielded	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u	1-Nylon 2-PBT 3-ABS

PCB Modular Jack Series

KLS12-102-8P PCB Modular Jack 59 Series With EMI Shielded 2x8 Ports

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or others
- 3.Contact Material: Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.Plating: Gold plating over nickel. Gold plating thickness
1.5u" / 3u" / 6u" / 15u" / 30u" / 50u"
- 5.Shield: 0.23 Thickness Brass with nickel plated

ELECTRICAL

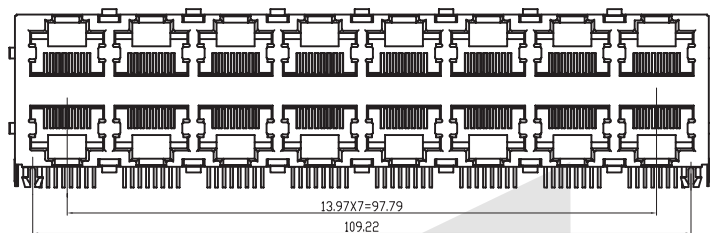
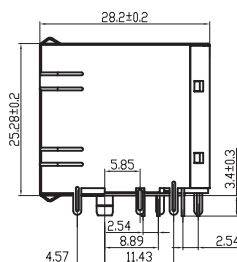
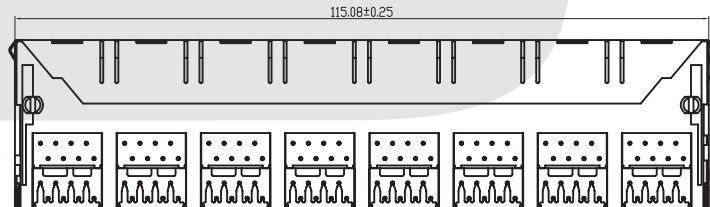
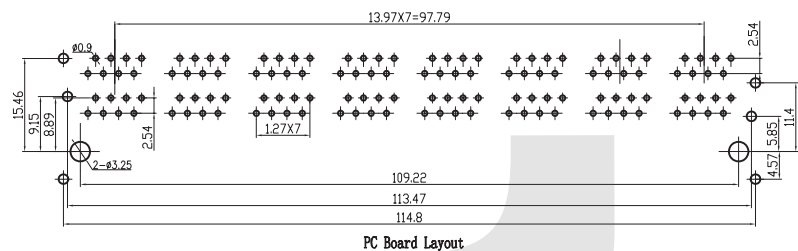
- 1.Current Rating: 1.5 Amp
- 2.Voltage Rating: 125VAC
- 3.Contact Resistance: 30 M Ω Max.
- 4.Insulation Resistance: 500 M Ω Min. @ 500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage : -40°C~+80°C
- 2.Operation:-40°C~+70°C



ORDER INFORMATION

KLS12-102 -8P8C- 2x8-W-XX-X

Part Number	Point NO.	Ports	Shield	Gold Thickness	Plastic
	8P8C Point	2x2-4 Ports 2x4-8 Ports 2x6-12 Ports 2x8-16 Ports	W-With EMI Shielded W/O-Without EMI Shielded	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u	1-Nylon 2-PBT 3-ABS

PCB Modular Jack Series

KLS12-107-8P PCB Modular Jack 59 Series

MATERIAL

- 1.Housing Material: Glass Filled Polyester UL94V-0 PBT, NYLON
- 2.Housing Color: Black, Gray, Ivory, White or others
- 3.Contact Material: Phosphor Bronze $\Phi 0.46\text{mm}$
- 4.PLATING: Gold plating over nickel. Gold plating thickness
1.5u" / 3u" / 6u" / 15u" / 30u" / 50u"
- 5.SHIELD: 0.23 Thickness Brass with nickel plated

ELECTRICAL

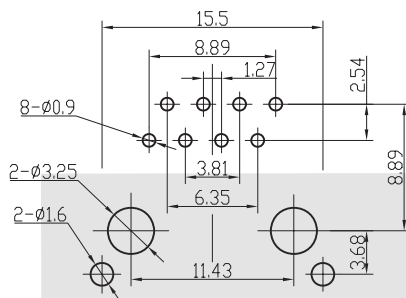
- 1.Current Rating: 1.5 Amp
- 2.Voltage Rating: 125VAC
- 3.Contact Resistance: 30 M Ω Max.
- 4.Insulation Resistance: 500 M Ω Min. @ 500VDC
- 5.Withstanding Voltage: 1000VAC RMS 50Hz 1 minute

MECHANICAL

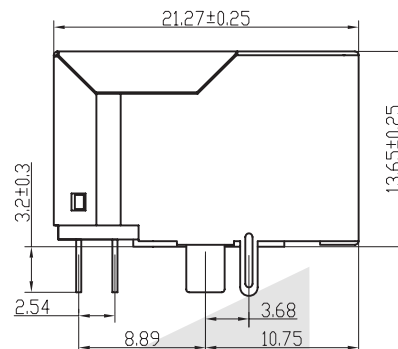
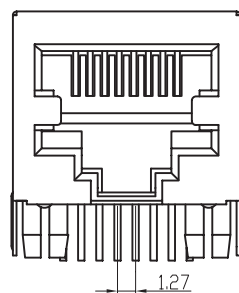
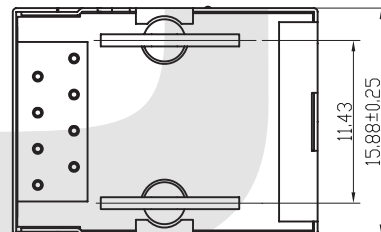
- 1.Durability : 750 cycles Min.
- 2.PCB Retention pre-solder : 1 LB MIN

ENVIRONMENTAL

- 1.Storage : -40°C~+80°C
- 2.Operation:-40°C~+70°C



PC Board Layout



ORDER INFORMATION

KLS12-107 - 8P8C-W- 2 -XX-X

Part Number	Point NO.	Shield	Peg/TAB	Gold Thickness	Plastic
	8P8C Point	W-With Shield E-Shield With EMI	0-W/O Peg 1-Front Peg 3.05 2-Front Peg 3.68 3-Front Peg 4.57 4-Back Peg 3.05	01-Fu" 02-3u" 03-6u" 04-15u" 05-30u" 06-50u"	1-Nylon 2-PBT 3-ABS