

Modular Jacks

XII

KLS12-138-8P

RJ45 PCB Modular Jack (53 SERIES)

NOTES:

ELECTRICAL:

- 1. VOLTAGE RATING : 125 VAC RMS.
- 2. CURRENT RATING : 1.5 AMP.
- 3. CONTACT RESISTANCE : 30 MILLIOHMS MAX.
- 4. INSULATION RESISTANCE : 500 MEGOHMS MIN @ 500 VDC.
- 5. DIELECTRIC STRENGTH : 1000 VAC RMS 50Hz or 60Hz, 1MIN.

MECHANICAL:

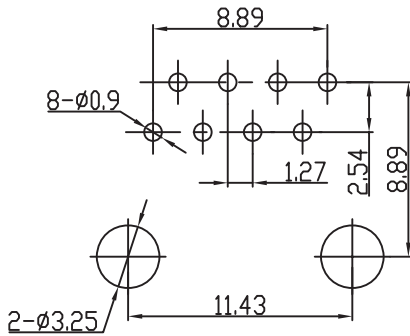
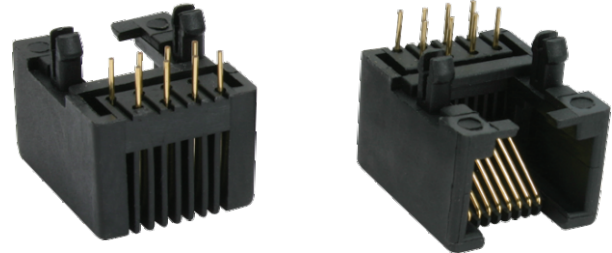
- 1. HOUSING & INSERT MATERIAL : PBT UL94V-0.
- 2. CONTACT MATERIAL : DIAMETER 0.45MM PHOSPHOR BRONZE GOLD PLATING OVER NICKEL.
- 3. MATING/UNMATING FORCE : 2.2KG. F MAX.
- 4. RETENTION STRENGTH : 7.7KG. F MIN BETWEEN JACK AND PLUG.
- 5. OPERATING LIFE : 600 CYCLES MIN.

ENVIRONMENTAL:

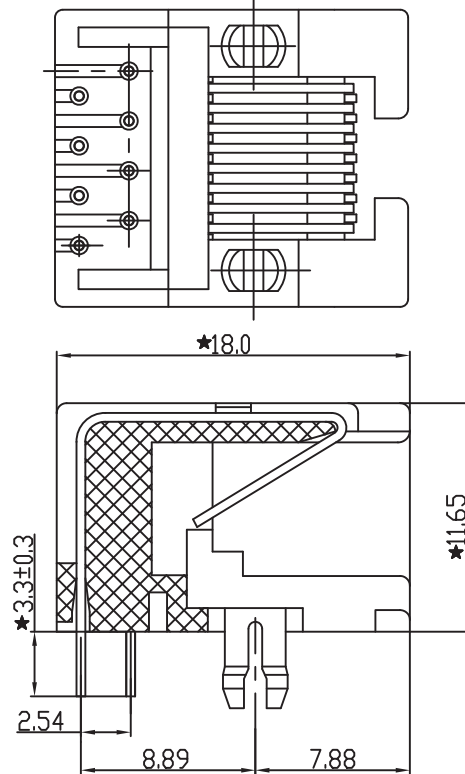
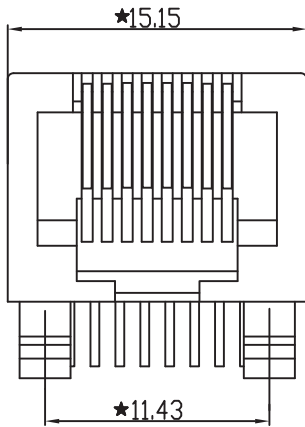
- 1. STORAGE : -10°C ~ +40°C RELATIVE HUMIDITY<70%.
- 2. OPERATION : -40°C ~ +85°C.

Remark:

- 1. Tolerances Unless Otherwise Specified
.0±0.25 .00±0.20 .000±0.10
- 2. The mark with ★ is the key inspection dimension for QC



PC Board Layout



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"	