

REV.	SPECIFICATION	ECN NO.	APPD.

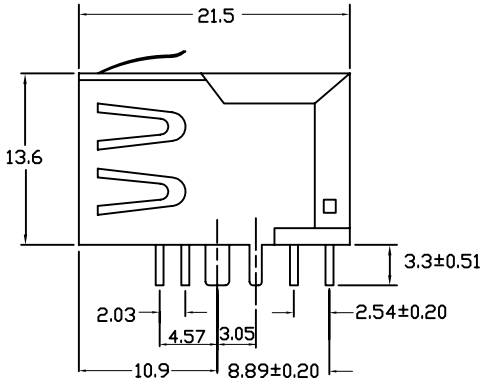
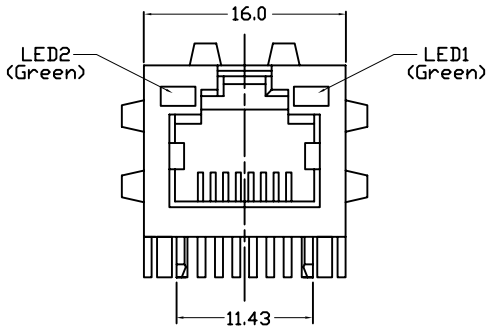
Mechanicals

Housing: High Temperature Plastic UL94V-0.
Insert: Copper Alloy, Thermoplastic Polyester Glass Filled UL94V-0.
Contact Pin: Copper Alloy.
Shielding: Copper Alloy.

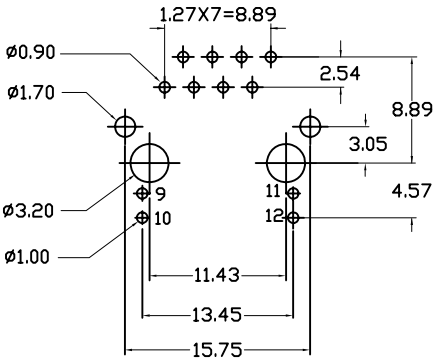
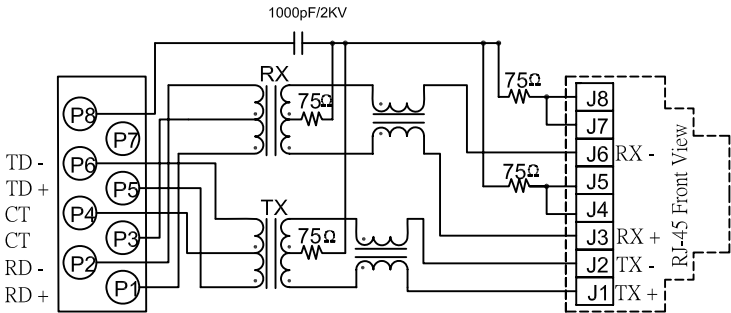
Electrical Specifications@25°C:

Turn Ratio(±5%): 1CT:1CT.
Inductance(100KHz/0.1V@8mA): 350uH Min.
Insertion Loss(dB Max): -1.1dB(0.5-100MHz).
Return Loss(dB Min):
-18dB(0.5-30MHz), -18+20log(f/30)dB(30-60MHz), -12dB(60-80MHz).
Cross Talk(dB Min): -35dB(0.5-40MHz), -33+20log(f/50)dB(40-100MHz).
CMR(dB Min): -30dB(0.5-100MHz).
HI-POT: 1500Vrms/0.5mA/60Sec or 1650Vrms/0.5mA/2Sec.
Operating Temperature: -40°C~+85°C.

*RoHS Compliance.



P.C. Board Top View



P.C. Board Layout

8949-M	8	8	1	/50	SC1	B	B	06	A
Series	Position	8: 8 Contacts	1: 1 Port	50: 50u" Gold Plated		B:LED1:Green LED2:Green	B: Black		A: Tray Package

Tolerances	Drawn No.	8949D02134		Title: 8949—M Series Rj—45 Modular Jack					
x = ±0.5	Projection				OUPIIN ELECTRONIC(KUNSHAN) CO., LTD.				
.x = ±0.25	Unit	mm	Scale		1:1	P/N: 8949—M881/50SC1BB06A			
.xx = ±0.15	Drawn By	Peggy 08/16'10			①560	SHEET	1/1	Ver.No.	A2