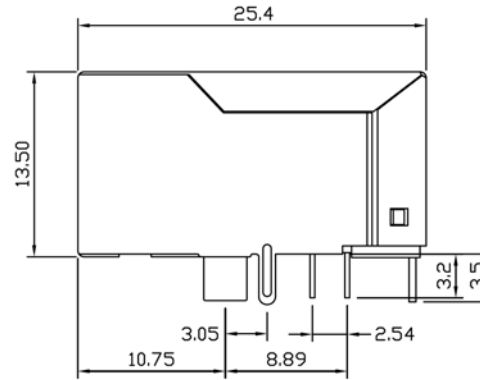
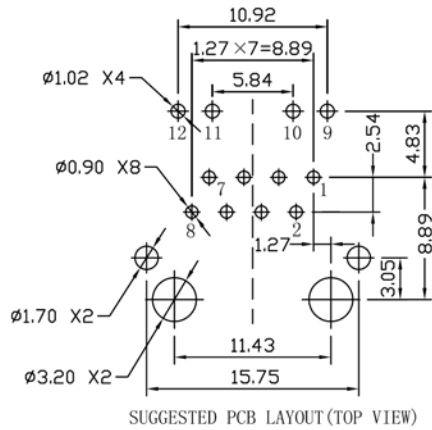


SPECIFICATIONS

Housing: Thermoplastic UL94V-0
 Contact/Shield: Copper Alloy
 Shield Plating: Nickel
 Contact Plating: Gold in contact area
 Wave Solder Temp: 265C Max @ 5 Seconds Max



Series	Positions	Contacts	Body Style	Color	Plating	Options	Panel Grounds
CTJ	8	08	M1014BGLYG	BK	PX	XX	X
Modular Jack	8 Positions	8 Contacts	M1014LGW Style	BK=Black	P0=6u" gold P1=15u" gold P2=30u" gold P3=50u" gold	[blank]=None FS=Full Shield	2=Top 4=Sides 6=Top & Sides

RoHS compliant

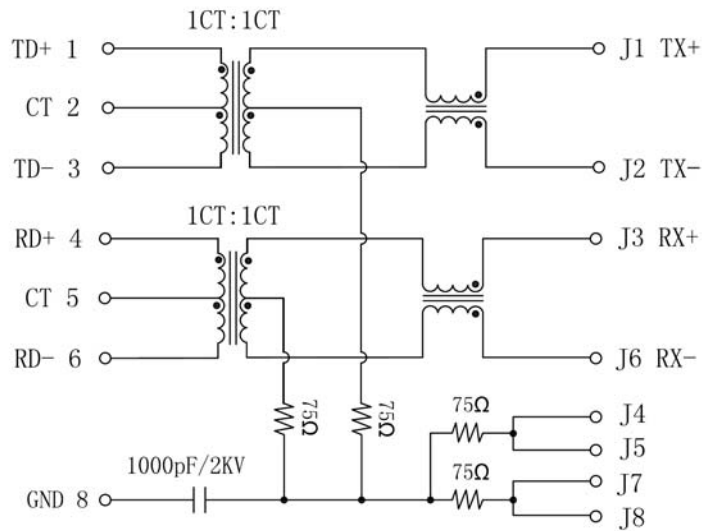
Rev.	Description	Date	Approved	Drawing	Name	Date
				Approved	Howard	10/05/06
				Checked	Lizzy	10/05/06
				Drawn	Tina	10/05/06
				0.0 ± 0.35	0.00 ± 0.20	Angles ± 3'
						UNIT: mm

Central Components Manufacturing
 440 Lincoln Blvd., Middlesex, New Jersey 08846
 Phone 732 469-5720 888 288-5152 Fax 732 469-1919

Part No.: **CTJ-8-08-M1014BGLYG-BK-PX-FS-FSX**

Description: RJ45 Connector With 10/100 Base-TX Integrated Magnetics & POE

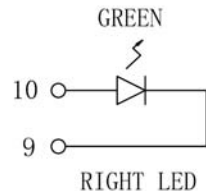
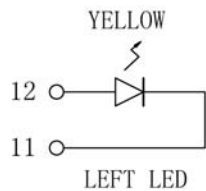
PC BOARD CONNECTIONS



SPECIFICATIONS

- TR: (100KHZ, 100mV);
TX=1CT:1CT ±3% RX=1CT:1CT±3%
- LX: (100KHZ, 100mV, 8mA, DC Bias)
Pins: (P1, P3), (P4, P6)=350uH Min
- Hipot:
Pins (P1, P2, P3) to (J1, J2) = 1500V
Pins (P4, P5, P6) to (J3, J6) = 1500V
- Insertion Loss:
-1.0dB Max @ 1.0MHz to 100MHz
- Return Loss:
-18dB Min @ 1MHz to 30MHz
-16dB Min @ 30MHz to 45MHz
-12dB Min @ 45MHz to 60MHz
-10dB Min @ 60MHz to 80MHz
- Cross Talk:
-30dB Min @ 1MHz to 100MHz
- Common to Common Mode Rejection:
-30dB Min @ 1MHz to 100MHz

Operating Temperature: 0°C ~ 70°C



Rev.	Description	Date	Approved	Drawing	Name	Date
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