

1. Turn Ratio(+/-2%) :

TX=1CT :1CT RX=1CT:1CT

2. Inductance OCL:

350uH Min @100KHz/0.1V ,8mA DC Bias

3. Insertion Loss:

-1.0dB Max @1.0-100MHz

4. Return Loss:

-20dB Min @1-10MHz

-16dB Min @10-30MHz

-12dB Min @30-60MHz

-10dB Min @60-100MHz

5. Cross talk:

-40dB Min @1-30MHz

-35dB Min @30-60MHz

-30dB Min @60-100MHz

6. Common Mode Rejection:

-30dB Min @1-50MHz

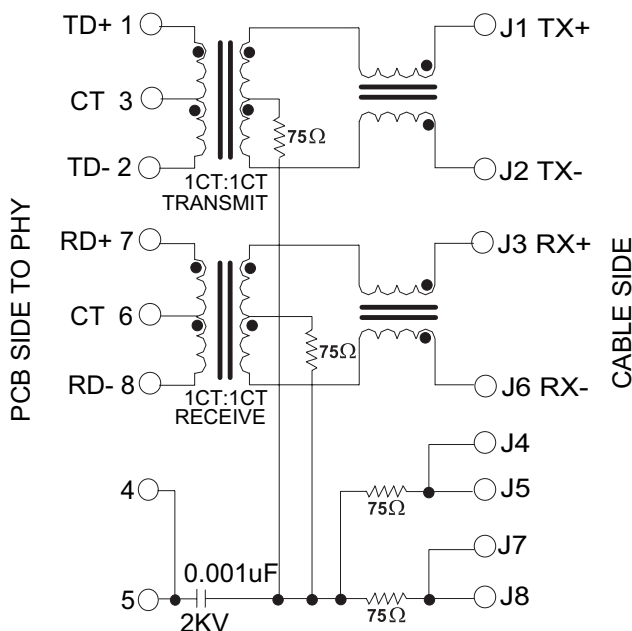
-20dB Min @50-150MHz

7. HIPOT TEST :1500V AC 1mA 6S

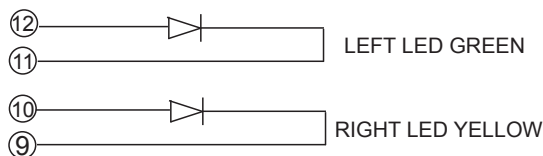
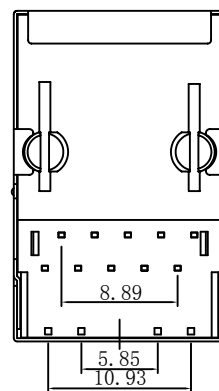
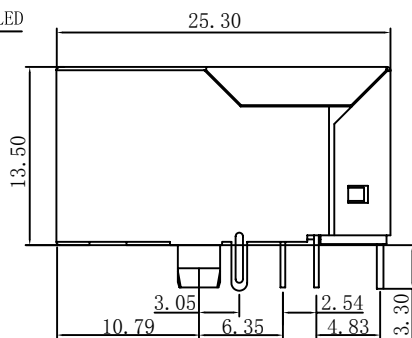
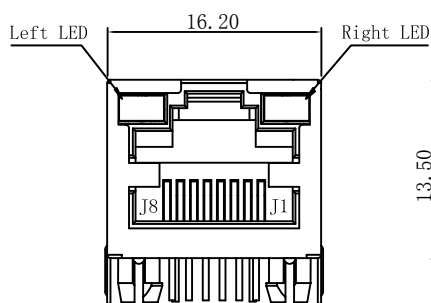
8. OPERA TING TEMPERA TURE RANGE:0-70°C

ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

Schematics



Mechanical



P.C.B RECOMMENDED HOLE LAYOUT SEEN FROM COMPONENT SIDE.
ALL CENTERLINE DIMENSIONS ARE BASIC

Connect Material:

Housing:Thermoplastic,PBT, UL 94V-0, Black
Contact/Shield:Cooper alloy
Shield Plating:Nickel
Contact Plating:Selective gold 6u" Min

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Shenzhen MingHui Electronic Co.,Ltd.

单位 (units)	MM	设计 (draw)	凌志成	材料 (mt' l)	图名 (name)	RJ45 Modular Jack 1x1Tab-UP 100BASE
比例 (scale)	1 : 1	审核 (ch' k)	邓建伟	UNIT:mm .xx +/-0.25, xxx +/-0.13	料号 (Part number)	MHBJ-F2501-ZGYNL
版次 (rev.)	A / 1	核准 (app' d)	邓建伟	HOUSING	图档 (File Name)	E:\ 工程图
视图 (view)		日期 (date)	2008.08.12	PIN		