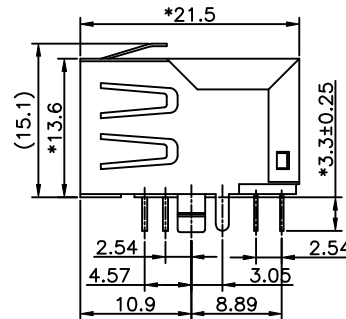
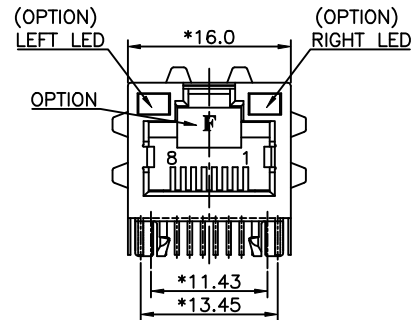
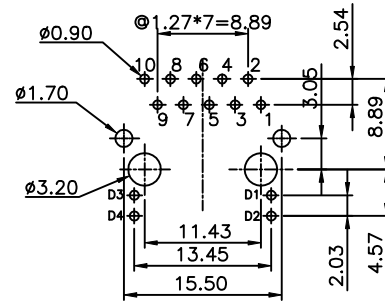
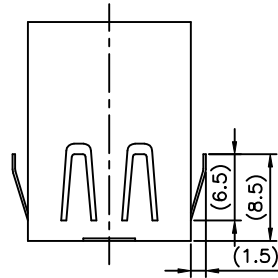
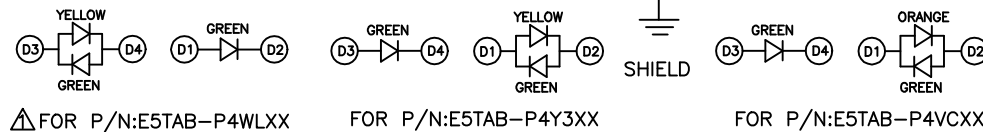
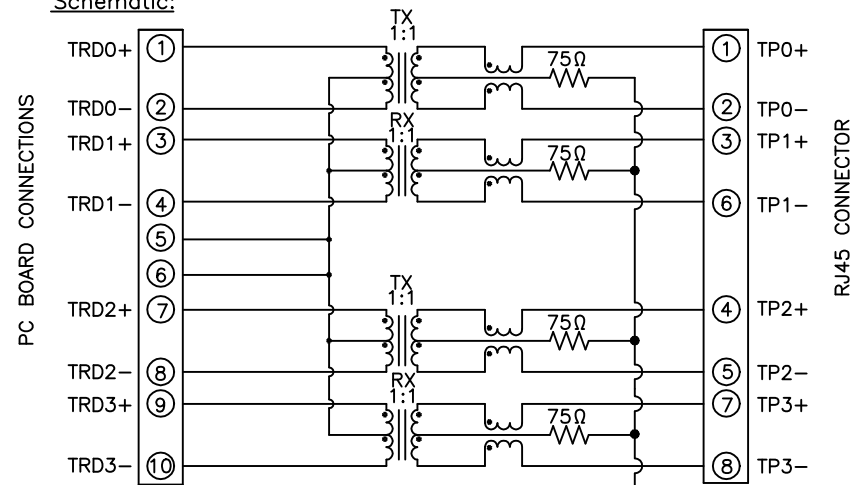


REVISION RECORD				
REV	ECO	DESCRIPTION	DRFT	CHKD
△		ADD NEW P/N	SUNLL	
△		ADD NEW P/N	SHJ	



Schematic:



NOTES:

Characteristics Description:

1. RJ45 10/1000 Base-Tx Transformer Jack With Transformer/ Impedance Resistor/High Voltage Capacitor.
2. Size Same As RJ-45 Modular Jack To Save PCB Board Space.
3. Reduce EMI Radiation, Improve EMI Performance.
4. Designed For Network Interface Card Application.
5. Designed To Meet IEEE 802.3u Requirement.
6. Designed For 100 Base Transmission over UTP-5 Cable.
7. Operation Temperature Range: 0°C to 70°C

Electrical Specification:

1. Insertion Loss: 0.5 dB MAX @ 1-60 MHz
1.0 dB MAX @ 60-100 MHz
1.2 dB MAX @ 100-125 MHz
2. Return Loss: 16 dB MIN @ 1-30 MHz. Load 100 OHM
13.5 dB MIN @ 30-40 MHz. Load 100 OHM
11.5 dB MIN @ 40-50 MHz. Load 100 OHM
10.0 dB MIN @ 50-80 MHz. Load 100 OHM
3. Cross Talk: 40 dB MIN @ 1-30 MHz
38 dB MIN @ 30-60 MHz
33 dB MIN @ 60-100 MHz
4. CMRR: 30 dB MIN @ 1-100 MHz
5. Isolation @ 60 HZ: INPUT TO OUTPUT 1500 Vrms, 1 Minute.
6. Primary Inductance: @ 100 KHZ, 0.1 Vrms, 8 mA DC Bias: 350 uH MIN.

Mechanical:

1. Housing Material : Glass Filled Polyester UL94V-0.
2. Contact Material : Phosphor Bronze t=0.35mm.
3. Plating : 1:Contact Area- Selective Gold Plating.
2:Tails- Tin-Lead Over Nickel.
4. Operating Life : 750 Cycles Min.
5. Pcb Retention Pre-Solder : 1 Lb Min.
6. Pcb Retention Post-Solder : 10 Lbs Min.

Environmental:

1. Storage : -40°C To +85°C.
- Mates With Modular Plug Conforming To
Fcc Part 68, Subpart F.

Part Number: E5TAB-P4XXXX

△ Y3-LEFT LED:GREEN RIGHT LED:Y+G
△ WL-LEFT LED:Y+G RIGHT LED:GREEN
△ VC-LEFT LED:GREEN RIGHT LED:ORANGE+GREEN

Gold Plating:
1-3u" 2-6u" 3-15u"
4-30u" 5-50u"
1-W/"F" LOGO
0-W/O "F" LOGO

DETACHED LISTS	MM (INCH)	DFTO SHJ	DATE 05/17/04	FULL RISE ELECTRONIC CO., LTD	
	TOLERANCES EXCEPT AS NOTED	CHKD SHJ	DATE 2004/1/19		
	MM	MFO	DATE		
	MM	APPLV LUSHENG	DATE 2004/1/19		
	ANGLES ±	MATERIAL :		TITLE	
THIRD ANGLE PROJECTION		QT*Y :		Latch UP Tr's LED JACK(1X1)	
		FINISH :		DRAWING NO. GE5T3125	
		SCALE : 2:1		/PART NO. SEE NOTE	
		DO NOT SCALE DRAWING		SHEET 1 OF 1	