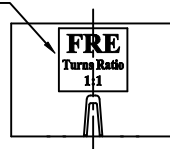
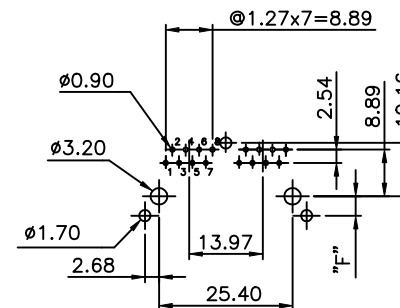
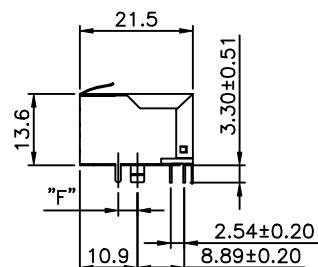
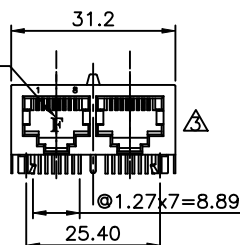


△ OPTION



△ OPTION



PCB LAYOUT T=1.60mm
COMPONENT SIDE SHOWN

NOTES:**Characteristics Description:**

1. RJ45 10/100 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. Inductance At 100 KHZ, 100 mV DC Bias: 350 uH MIN
2. C W/W (PF MAX): 28 PF
3. Leakage Inductance At 100 KHZ DC 100 mV: 0.3 uH MAX
4. Insertion Loss: 1.0 dB MAX @ 1-80 MHZ
1.2 dB MAX @ 100 MHZ
5. Return Loss: 14 dB MIN @ 1-60 MHZ
10 dB MIN @ 60-100 MHZ
6. Cross Talk: 35 dB MIN @ 1-80 MHZ

Mechanical:

1. Housing Material : Glass Filled Polyester UL94V-0.
2. Contact Material : Phosphor Bronze t=0.35mm.
3. Plating : 1: Contact Area- Selectine Gold Plating,
2: Tails- 150u" Tin-Lead Min Over 50u" 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.

UL & CUL FILE NO.E163191

△ Part Number: E5TAB-XXAXXX

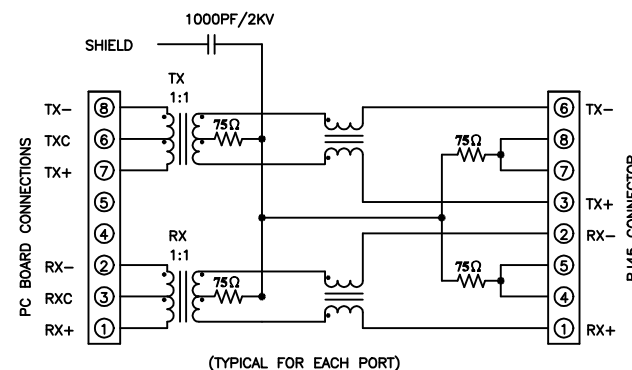
- 1- W/O TAB
- 2- W/ TOP TABS

- 3- TIN PLATED
- 4- NICKEL PLATED

- 1- 3u" 2- 6u" 3- 15u"
- 4- 30u" 5- 50u"

- 0- W/O LOGO
- 1- W/ F LOGO △

- 1- FRONT PEG 4.57
- 2- FRONT PEG 4.57, W/ 3 GROUNDING TABS
- 4- FRONT PEG 3.68
- 5- FRONT PEG 3.68, W/ 3 GROUNDING TABS

Schematic:

TYPE	DIM	"F"
FRONT PEG	3.68	3.68
FRONT PEG	4.57	4.57

MM (INCH)		DFTO CHI CHKD LUXHM MFO		DATE 8/6/01' DATE 2005/08/17 DATE		FULL RISE ELECTRONIC CO., LTD	
TOLERANCES EXCEPT AS NOTED		APPVL LUSHENG DATE 2005/08/17		TITLE TRANSFORMER PCB GANG JACK (2 PORTS)			
MM .0 ± 0.2 .00 ± 0.15 .000 ± 0.075		ANGLES ± 0.5		MATERIAL :		DRAWING NO. G5T3A22 /PART NO. SEE NOTE	
THIRD ANGLE PROJECTION		FINISH :		SCALE : 1 : 1		SIZE A3 REV 3 8/16/05	
DO NOT SCALE DRAWING				SHEET 1 OF 1			