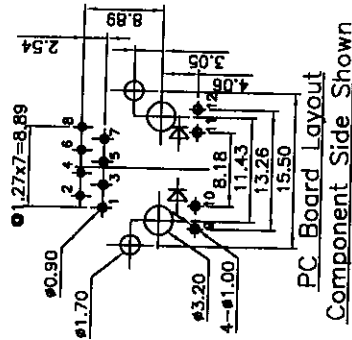
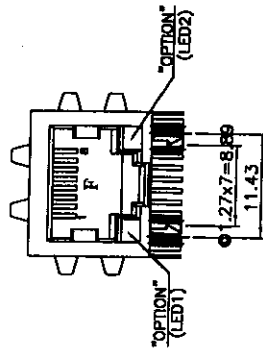
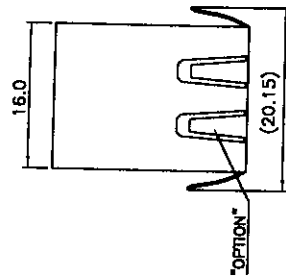


Characteristics Description:

1. RU45 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.

1. Inductance At 100 KHZ, 100 mV DC Bias: 350 uH MIN
2. C W/W (PF MAX): 40 PF
3. Leakage Inductance At 100 KHZ DC 100 mV: 0.3 uH MAX
4. Insertion Loss: 1.0 dB MAX @ 1-80 MHZ

5. Return Loss: 1.2 dB MAX @ 100 MHz
14 dB MIN @ 1-60 MHz
6. Cross Talk: 10 dB MIN @ 60-100 MHz
35 dB MIN @ 1-80 MHz

ISOLATION VOLTAGE 60HZ:1500Vrms(INPUT Mechanical);

1. Housing Material
2. Insert Material
3. Contact Material
4. Plating

5. Operating Life : 750 Cycles Min.
6. Pcb Retention Pre-Solder : 1 Lb Min.
7. Pcb Retention Post-Solder : 10 Lbs Min.
8. SHIELD: 0.25mm THICKNESS BRASS.(C2680 H);

SHIELD PLATED Nickel

9. ISOLATION VOLTAGE 60HZ:1500Vrms

Environmental:

1. Storage : -40°C To $+85^{\circ}\text{C}$.
2. Operation : 0°C To $+70^{\circ}\text{C}$.

3. Wave Soldering Temperature: 255~265°C (5~10 SECONDS)

ates With Modular Plug Conforming To

Fcc Part 68, Subpart F.

Number: ESTAB-XXGCXX-L

1-	LED1:YELLOW	LED2:GREEN	W/	DATE CODE

J- LED1:GREEN,LED2:YELLOW W/ DATE CODE

H- LED1:GREEN,LED2:GREEN W/O Label 888887

N- LED1:GREEN,LED2:YELLOW W/O Label paper

[illegible]

		±		MATERIAL :		QTY :
.00 ±0.30		±				
.00 ±0.15		±				
.000 ±0.075		±				
ANGLES ±						

		FINISH :
THRO. ANGLE 60° BOTTOM		SCALE : 2:1

DRAWING NO. G5T3018-LB		REV
/PART NO.	SEE NOTE	0 PENDING
TITLE Transformer LED JACK		SIZE A3
FULL RISE ELECTRONIC CO., LTD		

REVISION RECORD				
REV	ECO	DESCRIPTION	DRAFT	CHKD