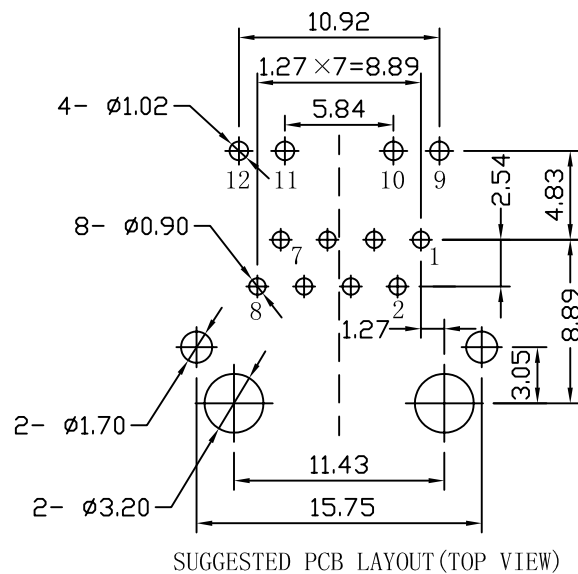
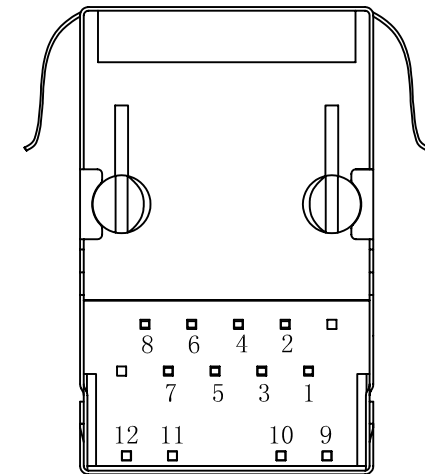
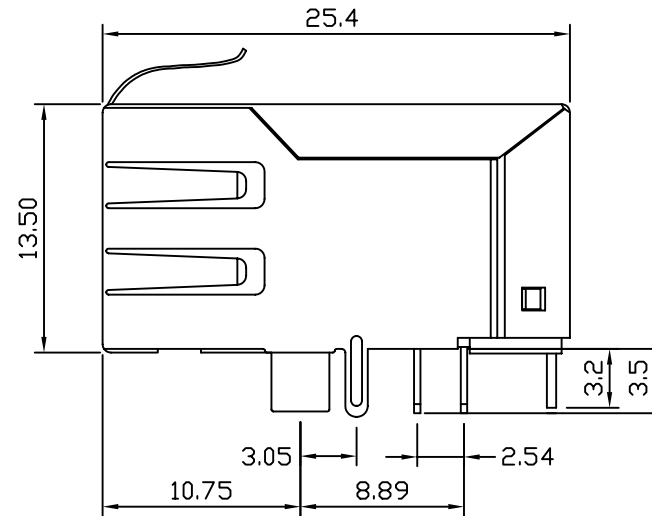
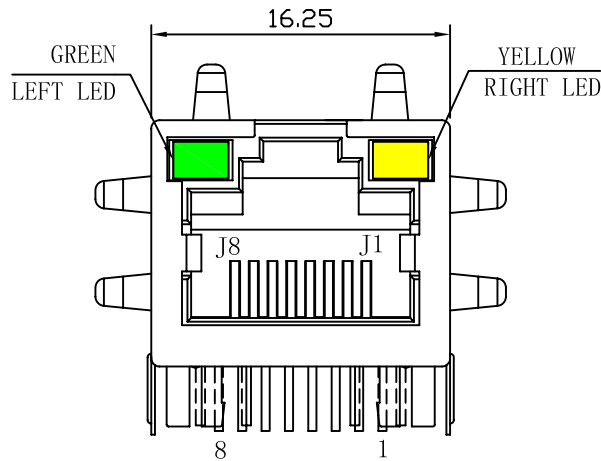


REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2012/06/09	



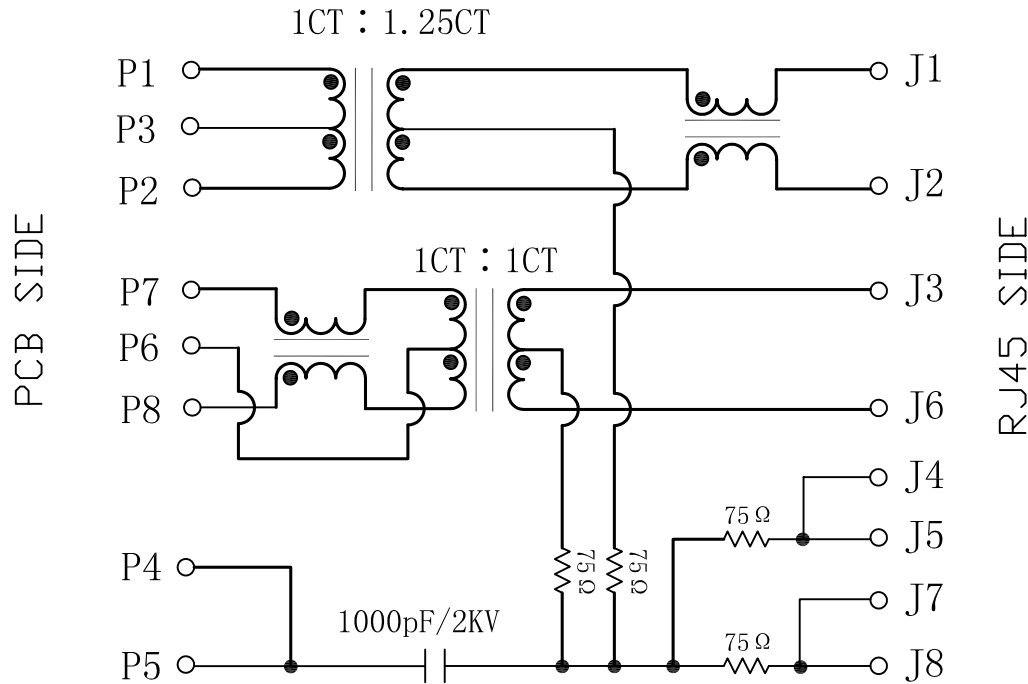
NOTES:

1. Designed to support application, such as SOHO (ADSL modems), LAN-on-Motherboard (LOM), hub and Switches.
2. Meets IEEE 802.3 specification
3. Connector Materials:
Housing: Thermoplastic UL94V-0
Contact/Shield: Copper alloy
Shield plating: Nickel
Contact plating: Gold 6 micro-inches min. In contact area.
4. Wave solder tip temperature: 260°C
Wave solder tip temperature time: 5 Sec Max
5. UL Certification: File Number E321120

X:X ±0.25	APPD:	Trxcom		
X:XX ±0.20	CHKD:	ShenZhen Trxcom Electronics Co., Ltd		
X:XXX ±0.05	DR: C. H. Y	TITLE: RJ45 Connector with 10/100 Base-T Integrated Magnetics		
ANGLES ±1°	UNIT: mm	PART NO.: TRJ1021AHNL		
	SCALE: 2/1	SHEET: 1/2	REV: A	DWG NO.: TRC12060901

Schematic:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2012/06/09	

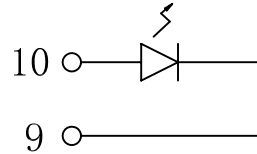
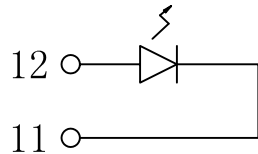


ELECTRICAL SPECIFICATIONS @25°C

- Turn Ratio(±3%):
 (P1-P2) : (J1-12) : 1 : 1.25
 (P7-P8) : (J3-J6) : 1 : 1
- Inductance: 350uH MIN
 @100KHz, 100mV, 8mA DC Bias
- Insertion Loss:
 -1.1dB MAX @ 0.1~80MHz
- Return Loss:
 -18dB MIN @ 1~30MHz
 -12dB MIN @ 30~80MHz
- Cross talk:
 -40dB TYP @ 1~100MHz
- Common to Common Mode Attenuation:
 -35dB TYP @ 30~100MHz
- Hipot Test: 1500Vrms @60Hz
- Operating Temperature Range: 0°C~70°C

GREEN/LEFT LED

YELLOW/RIGHT LED



X:X ±0.25	APPD:	Trxcom		
X:XX ±0.20	CHKD:	ShenZhen Trxcom Electronics Co.,ltd		
X:XXX ±0.05	DR: C. H. Y	TITLE: RJ45 Connector with 10/100 Base-T Integrated Magnetics		
ANGLES ±1°	UNIT: mm	PART NO. : TRJ1021AHNL		
	SCALE: 2/1	SHEET: 2/2	REV: A	DWG NO. : TRC12060901