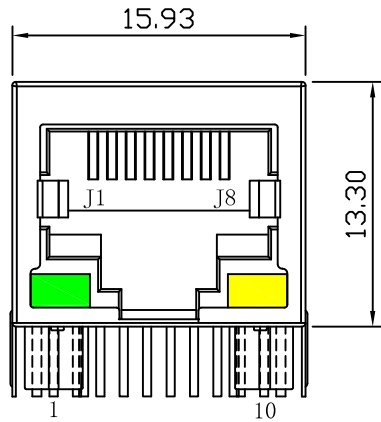
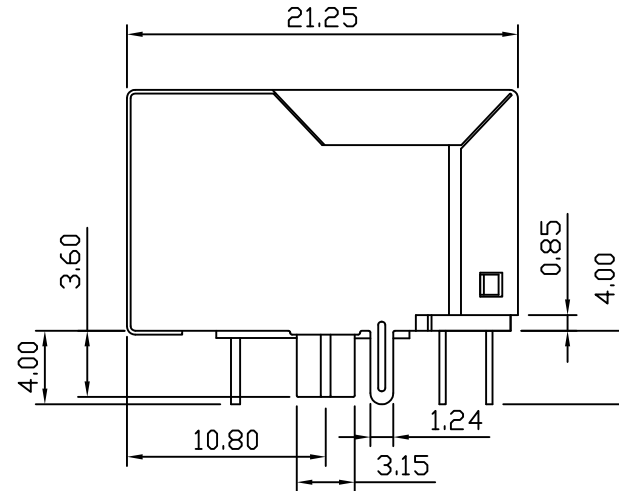


Mechanical:

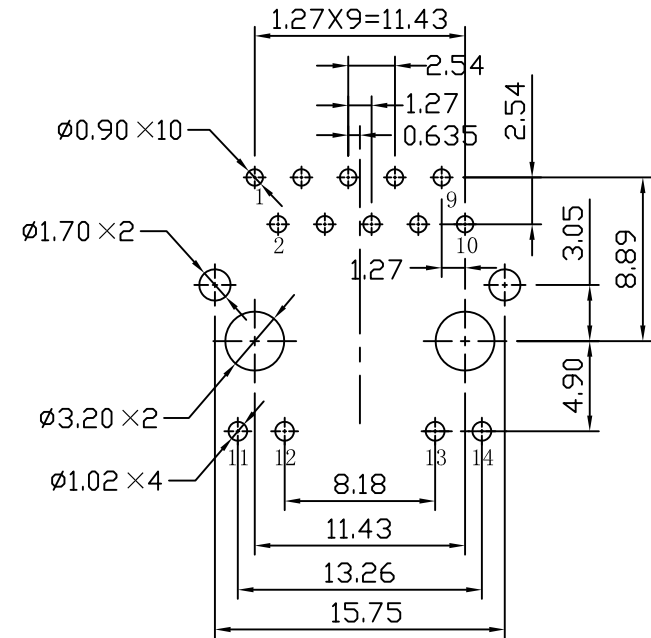
REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		14/11/2007	



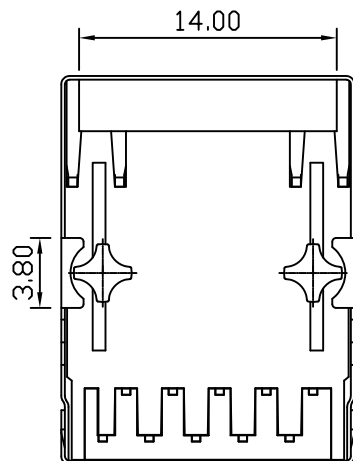
Front Side View



Left Side View



Suggested PCB Layout (Top View)



Bottom Side View



Top Side View

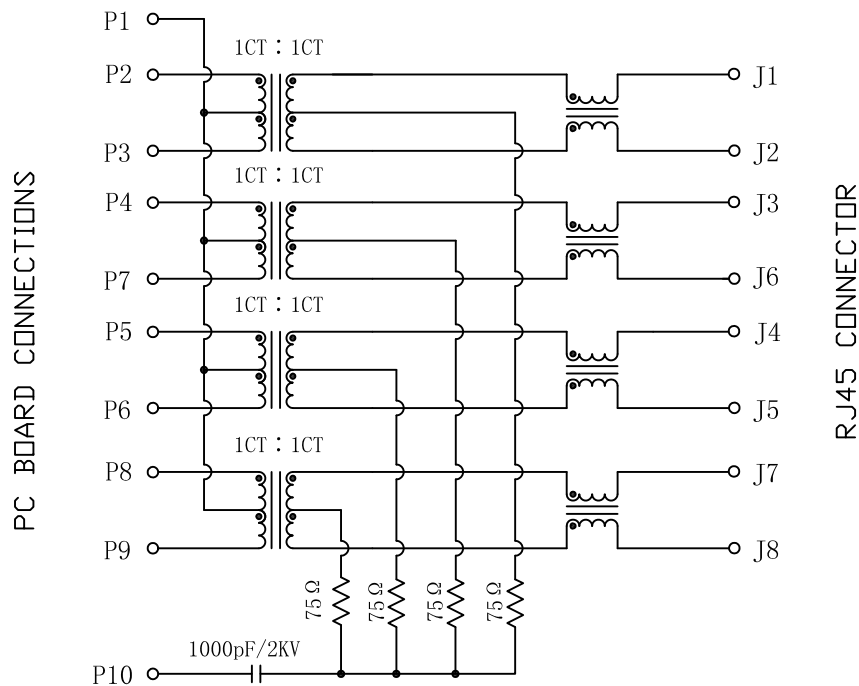
NOTES:

1. Designed to support application, such as SOHO (ADSL modems), LAN-on-Motherboard (LOM), hub and Switches.
2. Meets IEEE 802.3 specification
3. Operating Voltage: 3.3V-5V Max. Current: 350mA
4. Connector Materials:
Housing: Thermoplastic PBT+30%G.F UL94V-0
Contact: Phosphor Bronze C5210R-EH Thickness=0.35mm
Pins: Brass C2680R-H Thickness=0.35mm
Shield: SUS 201-1/2H Thickness=0.2mm
Contact plating: Gold 6 micro-inches min. In contact area.
5. Wave solder tip temperature: 265°C Max, 5 Sec Max.
6. UL Certification: File Number E321120.

X:X	±0.30	APPD:	Trxcom	
X:XX	±0.25	CHKD:		
X:XXX	±0.05	DR: C. H. Y	TITLE: RJ45 Connector With 1000 Base-TX Integrated Magnetics	
ANGLES	±1°	UNIT: mm	PART NO.: TRJG0806FBNL	
SCALE: 2/1		SHEET: 1/2	REV: A	DWG NO.: TRC07111402

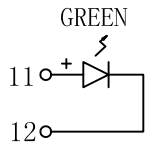
Schematic:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		14/11/2007	

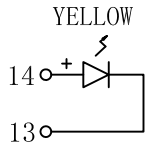


ELECTRICAL SPECIFICATIONS @25℃

1. Turn Ratio($\pm 2\%$):
PRI : SEC = 1CT : 1CT
2. Inductance OCL: 350uH MIN
@ 100KHz/0.1V, 8mA DC Bias
3. Insertion Loss:
-1.0dB MAX @ 1.0-65MHz
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: 1500Vrms MIN
8. Operating Temperature Range: 0℃ TO 70℃



LEFT LED



RIGHT LED

Emitting Color	λ p(nm)	VF@IF=20mA	IR @VR=5V
GREEN	565	1.8~2.6V	10 μ A max
YELLOW	585	1.8~2.6V	10 μ A max



X:X	± 0.30	APPD:	Trxcom ShenZhen Trxcom Electronics Co.,ltd	
X:XX	± 0.20	CHKD:		
X:XXX	± 0.05	DR: C. H. Y	TITLE: RJ45 Connector With 1000 Base-TX Integrated Magnetics	
ANGLES	$\pm 1^\circ$	UNIT: mm	PART NO. : TRJG0806FBNL	
	SCALE: 2/1	SHEET: 2/2	REV: A	DWG NO. : TRC07111402

TRXCOM

Part NO: TRJG0806FBNL

PART NAME: Lan filter in DIP connector

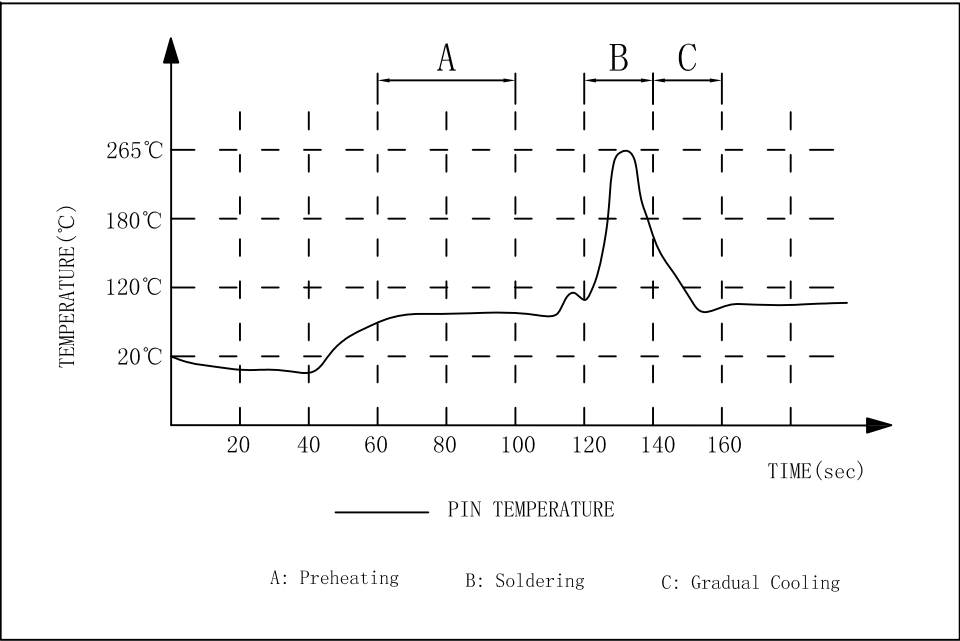


REV: A

TEMP (°C) : 25

HUM (%) : 65 RH

SUGGESTED PROFILE OF WAVE SOLDER FOR ROHS PRODUCT



- (1) Tip Temperature: 265°C max
 - (2) Tip Temperature time: 5sec max
- Note: The melting point of Tin: 219°C

TRXCOM

PACKAGING

Part number: TRJG0806FBNL

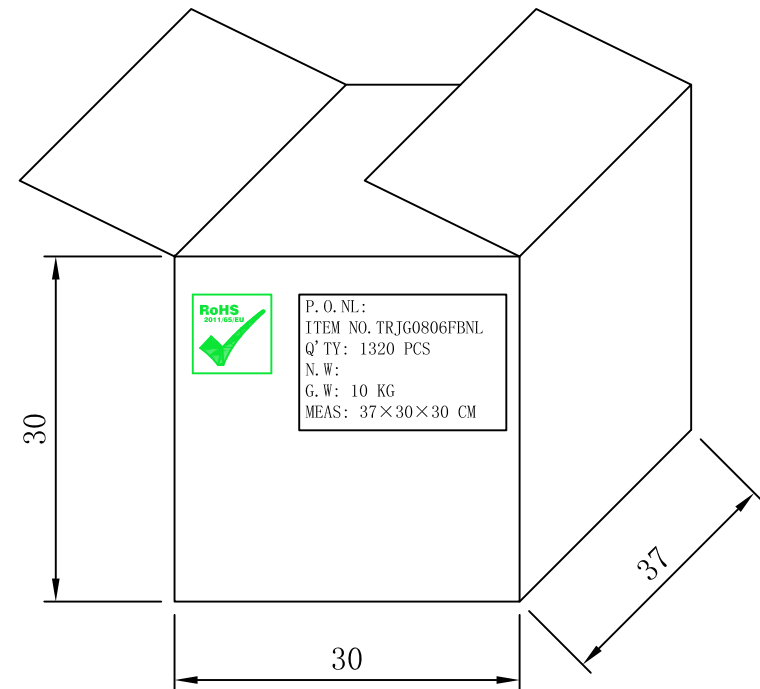
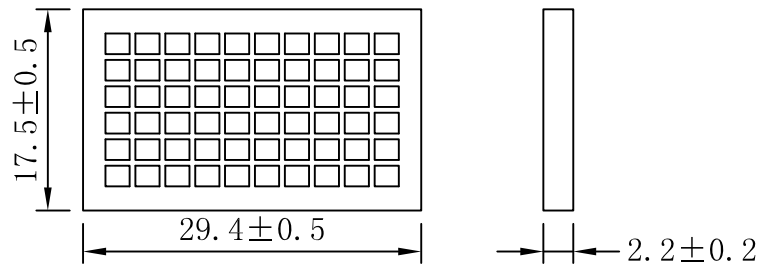
1.Packaging unit: 60PCS/tray

2.Packaging material: PVC

3.Packaging shape: [Unit=cm]

4.Outer carton

Unit: 22Trays with plastic bag / outer carton (1320PCS) (G.W.:10 Kg)



ORDER INFORMATION:
MOQ 5280PCS IN FOUR CTNS