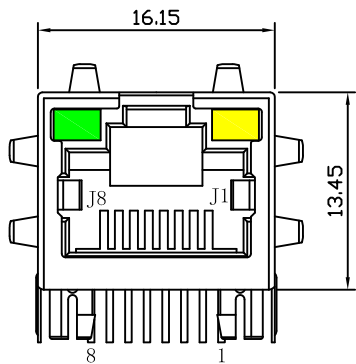
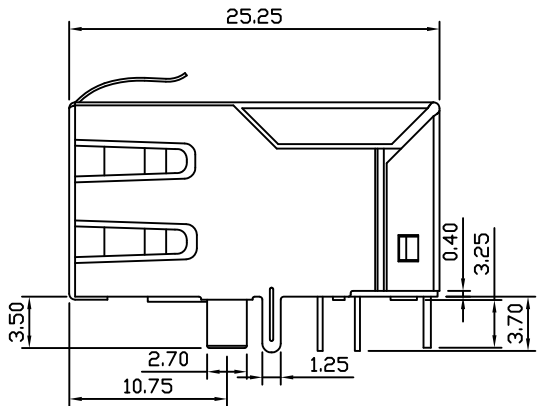


Mechanical:

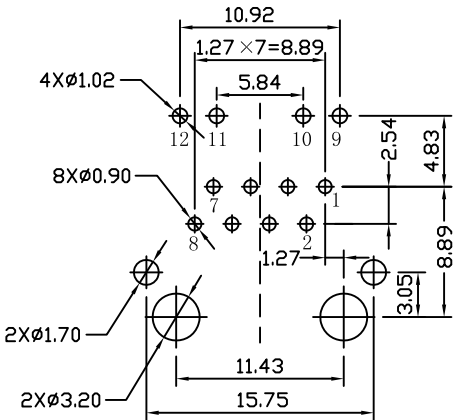
REV.	ECN NO.	DESCRIPTION	DATE	APPD.
A	REL		2014-07-28	



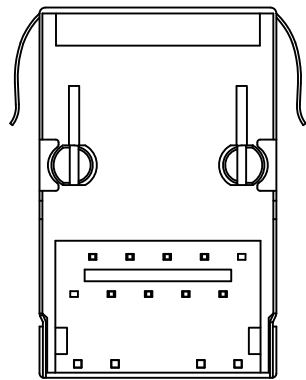
Front Side View



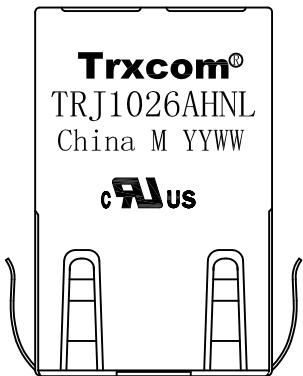
Left Side View



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.Connector Materials:
Housing: Thermoplastic PBT+30%G.F UL94V-0
Contact: Phosphor Bonze 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.
- 4.Wave solder tip temperature: 265℃ Max, 5 Sec Max
- 5.UL Certification: File Number E321120

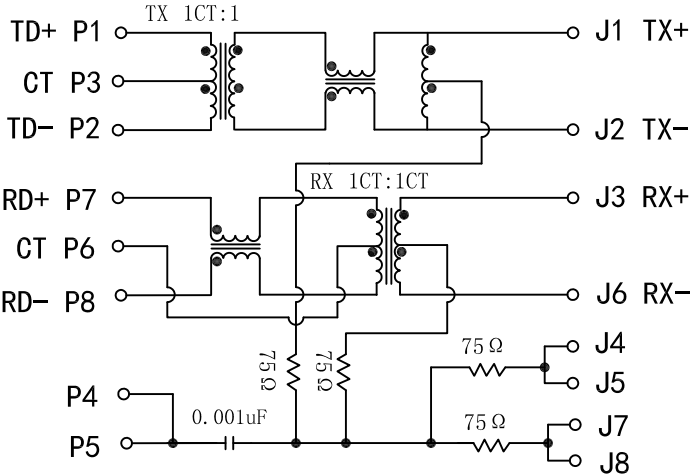


X:X ±0.30	APPD:	Trxcom Shenzhen Trxcom Electronics Co.,Ltd.		
X:XX ±0.25	CHKD:			
X:XXX ±0.05	DR: C. H. Y	TITLE: RJ45 Connector with 10/100 Base-T Integrated Magnetics		
ANGLES ±1°	UNIT: mm	PART NO. : TRJ1026AHNL		
	SCALE: 2/1	SHEET: 1/2	REV: A	DWG NO. : TRC14072815

Schematic:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2014-07-28	

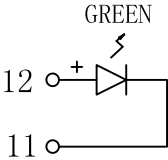
PC BOARD CONNECTIONS



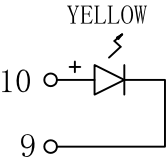
RJ45 CONNECTOR

Electrical Specification @25℃:

- 1. Turns Ratio:
TX=1CT:1 RX=1CT:1CT
- 2. Inductance: 350uH MIN
@0.1V, 0.1MHz, 8mA DC Bias
- 3. Cross talk(dB TYP):
1-30MHz:-40 30-60MHz:-35
60-100MHz:-30
- 4. Common Mode Rejection(dB TYP)
1-50MHz:-30; 50-150MHz:-20
- 5. Return Loss(dB TYP @100Ω±15Ω):
1-10MHz:-20; 10-30MHz:-16
30-60MHz:-12; 60-100MHz:-10
- 6. Insertion Loss:
1-65MHz:-1.0dB TYP
- 7. Hipot:1500Vrms @60Hz
- 8. Operating Temperature: 0℃~+70℃.



LEFT LED



RIGHT LED

Emitting Color	λ p(nm)	VF@IF=20mA	IR @VR=5V
Green	570	1.8~2.6V	10 μ A max
Yellow	585	1.8~2.6V	10 μ A max

X:X ±0.30	APPD:	Trxcom		
X:XX ±0.25	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. : TRJ1026AHNL		
	SCALE: 2/1	SHEET: 2/2	REV: A	DWG NO. : TRC14072815

TRXCOM

Part NO: TRJ1026AHNL

PART NAME: Lan filter in DIP connector

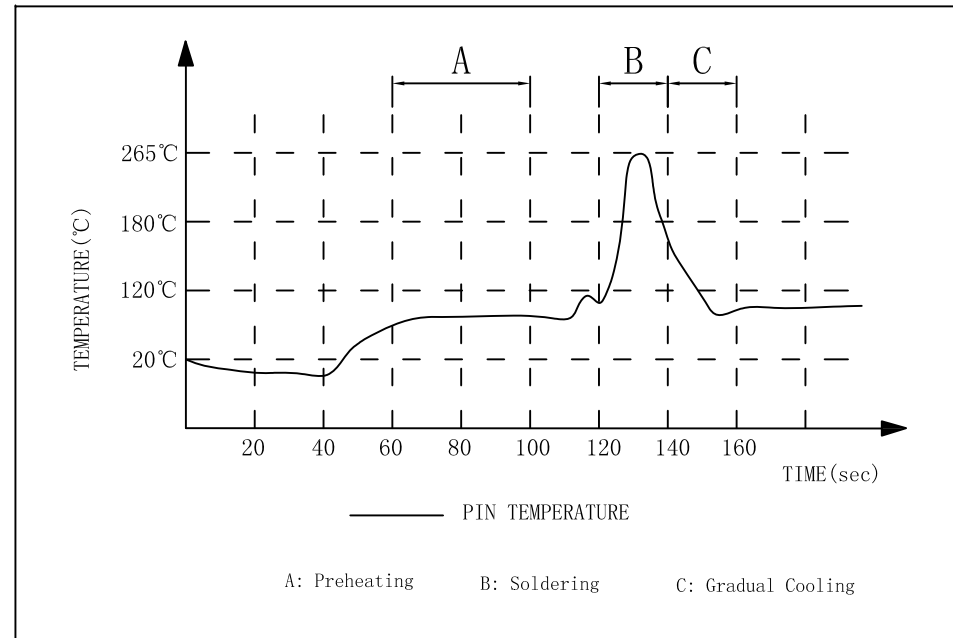


REV: A

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: TRJ1026AHNL

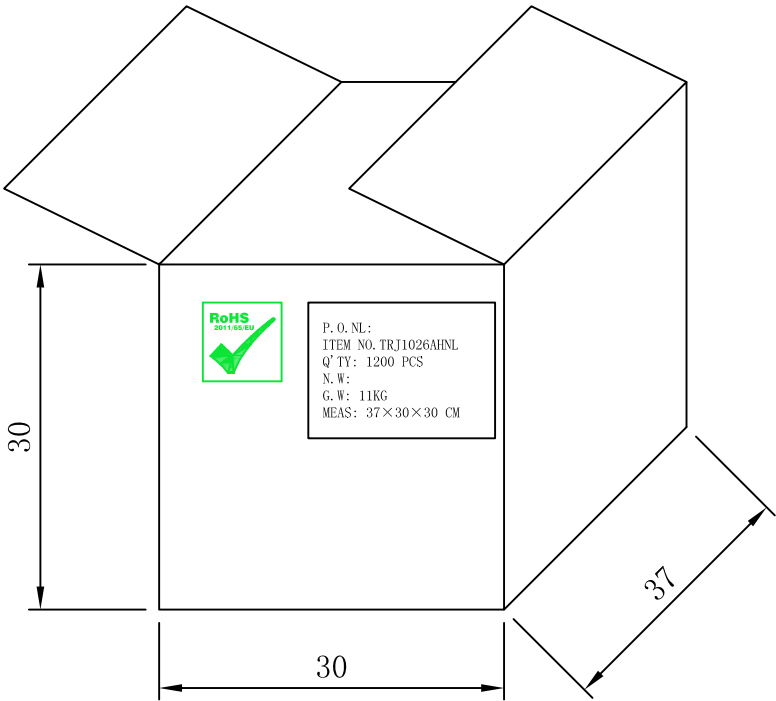
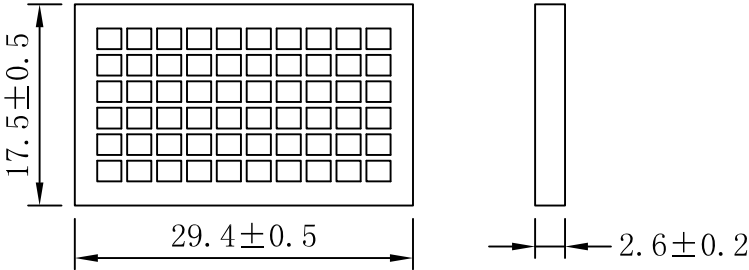
1.Packaging unit: 60PCS/tray

2.Packaging material: PVC

3.Packaging shape: [Unit=cm]

4.Outer carton

Unit: 20Trays with plastic bag / outer carton (1200PCS) (G.W.: 11Kg)



ORDER INFORMATION:
MOQ 4800PCS IN FOUR CTNS