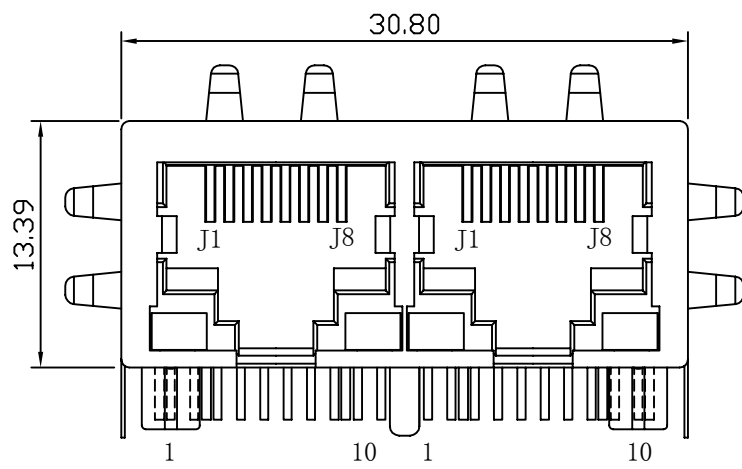
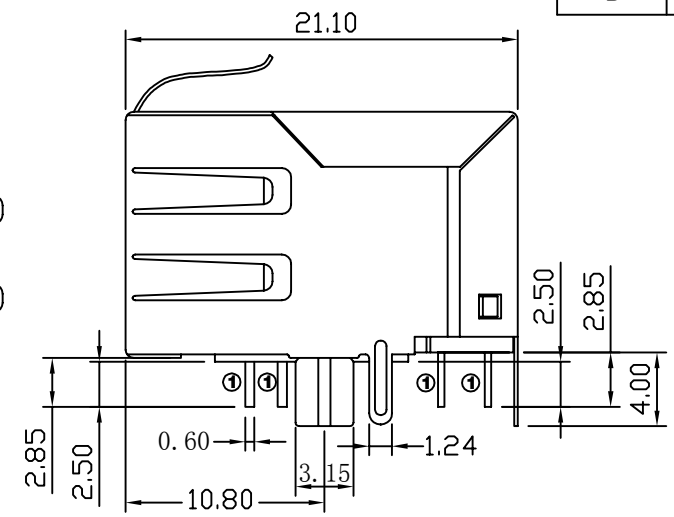


Mechanical:

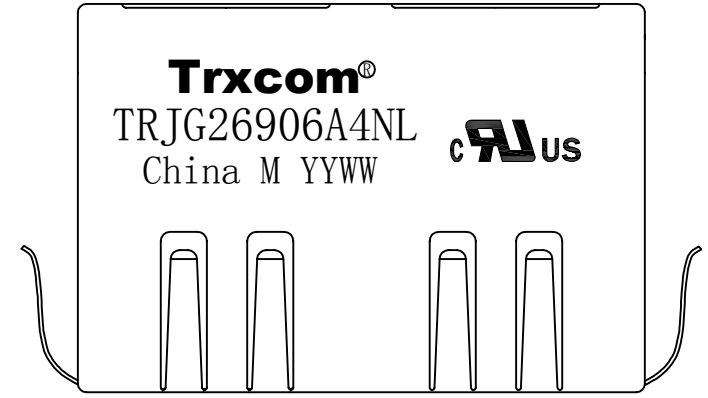
REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL	① = 4.00mm	2015-07-11	
B	REL	① = 2.85mm	2022-03-18	



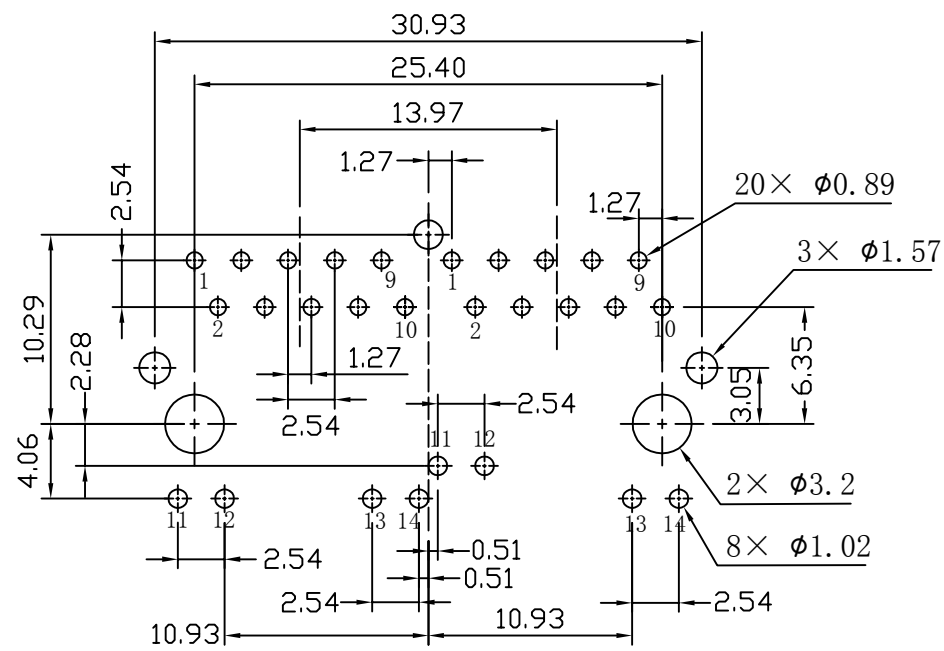
Front Side View



Left Side View



Top Side View



SUGGESTED PCB LAYOUT (TOP VIEW)



NOTES:

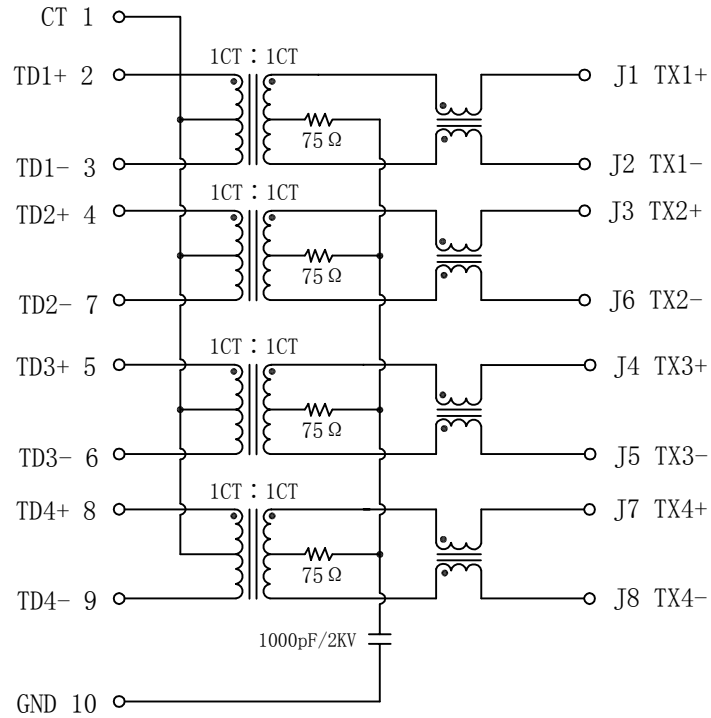
1. Designed to support application, such as SOHO (ADSL modems), LAN-on-Motherboard (LOM), hub and Switches.
2. Meets IEEE802.3af specification.
3. Connector Materials:
 Housing: Thermoplastic PBT+30%G.F UL94V-0
 Contact: Phosphor Bronze C5210R-EH Thickness=0.35mm
 Pins: Brass C2680R-H Thickness=0.35mm
 Shield: SUS 201-1/2H Thickness=0.2mm
 Contact plating: Gold 6 micro-inches min. In contact area
4. Wave solder tip temperature: 265°C Max, 5 Sec.
5. UL Certification: File Number E321120.

X:X ±0.25	APPD:	TRXCOM INT'L TECHNOLOGY CO. LTD
X:XX ±0.20	CHKD:	
X:XXX ±0.05	DR: SEA	TITLE: RJ45 Connector with 1000 Base-TX Integrated Magnetic
ANGLES ±1°	UNIT: mm	PART NO.: TRJG26906A4NL
	SCALE: 2/1	SHEET: 1/4
	REV: B	DWG NO.: TRC22031801

Schematic:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL	① = 4.00mm	2015-07-11	
B	REL	① = 2.85mm	2022-03-18	

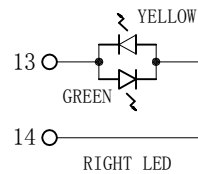
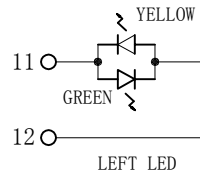
PCB CONNECTIONS



RJ45 CONNECTOR

ELECTRICAL SPECIFICATIONS @25°C

- Turn Ratio(±3%):
Pri:Sec = 1CT:1CT
- Inductance OCL:
350uH MIN @100KHz 0.1V 8mA DC Bias
- DCR: 1.2Ω MAX
- Insertion Loss:
-1.0dB MAX @1-100MHz
- Return Loss:
-18dB MIN @1-30MHz
-15dB MIN @30-60MHz
-12dB MIN @60-100MHz
- Cross talk:
-40dB MIN @1-30MHz
-35dB MIN @30-60MHz
-30dB MIN @60-100MHz
- Common Mode Rejection:
-30dB MIN @1-50MHz
-20dB MIN @50-100MHz
- Operating voltage: 3.3-5V Max.
Current: 350mA
- Hipot Test: 1500Vrms
- Operating Temperature Range: -40°C to +85°C.



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



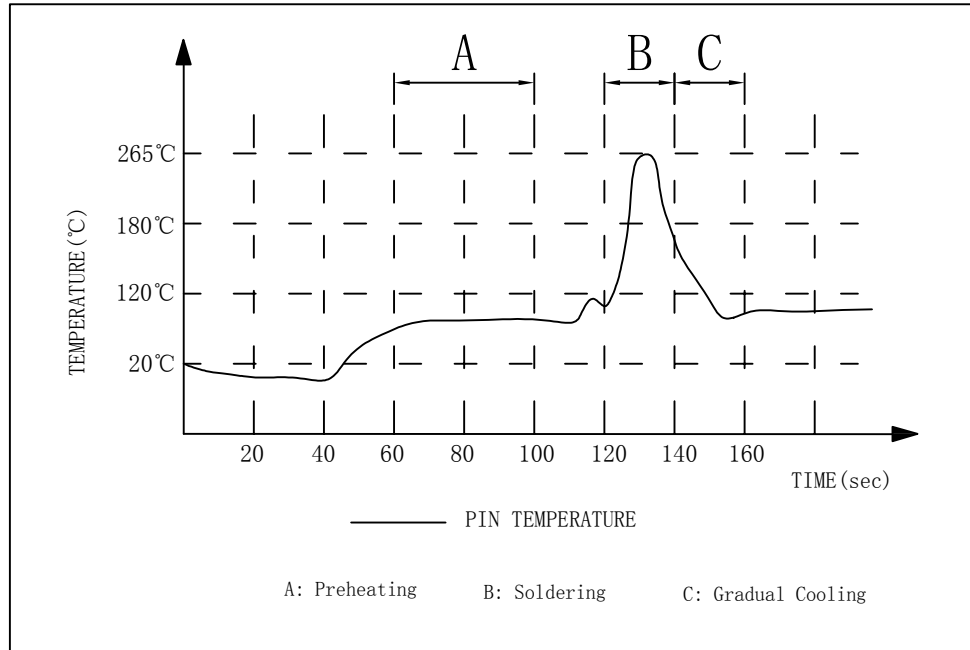
X:X ±0.25	APPD:	TRXCOM INT'L TECHNOLOGY CO. LTD
X:XX ±0.20	CHKD:	
X:XXX ±0.05	DR: SEA	TITLE: RJ45 Connector with 1000 Base-TX Integrated Magnetic
ANGLES ±1°	UNIT: mm	PART NO.: TRJG26906A4NL
	SCALE: 2/1	SHEET: 2/4
	REV: B	DWG NO.: TRC22031801

Profile of wave solder:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL	① = 4.00mm	2015-07-11	
B	REL	① = 2.85mm	2022-03-18	

REV: A
 TEMP (°C): 25
 HUM (%): 65 RH

SUGGESTED PROFILE OF WAVE SOLDER FOR ROHS PRODUCT

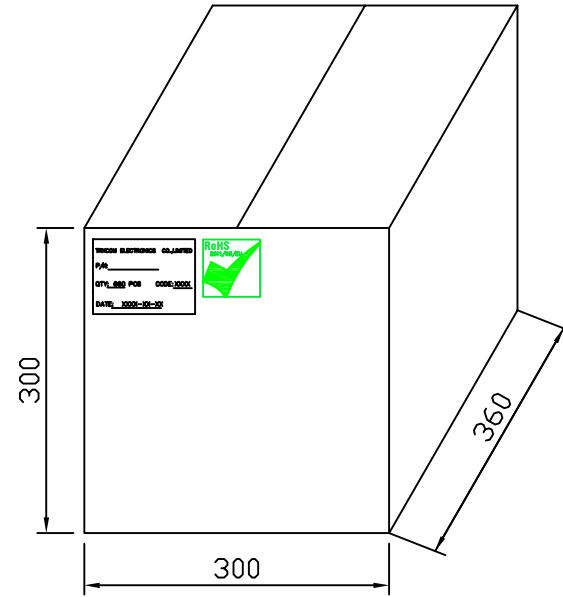
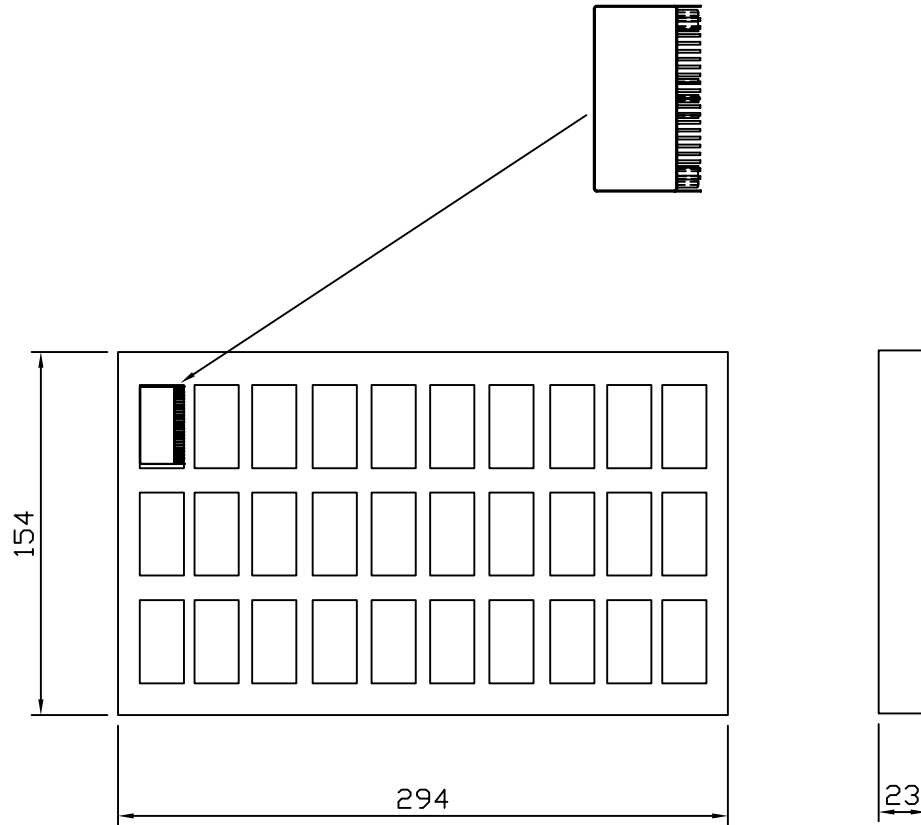


- (1) Tip Temperature: 265°C max
 - (2) Tip Temperature time: 5sec max
- Note: The melting point of Tin: 219°C

X:X ±0.25	APPD:	TRXCOM INT'L TECHNOLOGY CO. LTD
X:XX ±0.20	CHKD:	
X:XXX ±0.05	DR: SEA	
ANGLES ±1°	UNIT: mm	TITLE: RJ45 Connector with 1000 Base-TX Integrated Magnetic
		PART NO.: TRJG26906A4NL
	SCALE: 2/1	SHEET: 3/4
	REV: B	DWG NO.: TRC22031801

Packaging:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL	① = 4.00mm	2015-07-11	
B	REL	① = 2.85mm	2022-03-18	



- ◆ Packaging unit: 30pcs/tray
- ◆ Packaging material: PVC
- ◆ Outer carton unit: 660pcs/22tray/box
- ◆ Net Weight: 9 kg
- ◆ Gross Weight: 10 kg

X:X ±0.25	APPD:	TRXCOM INT'L TECHNOLOGY CO. LTD
X:XX ±0.20	CHKD:	
X:XXX ±0.05	DR: SEA	TITLE: 1*2 Ports 21.10mm RJ45 Packing
ANGLES ±1°	UNIT: mm	PART NO.: TRJG26906A4NL
	SCALE: 2/1	SHEET: 4/4
	REV: B	DWG NO.: TRC22031801