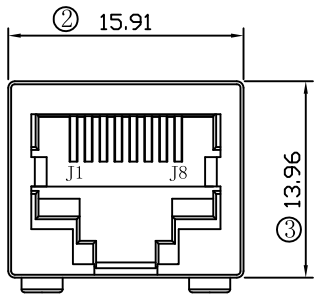
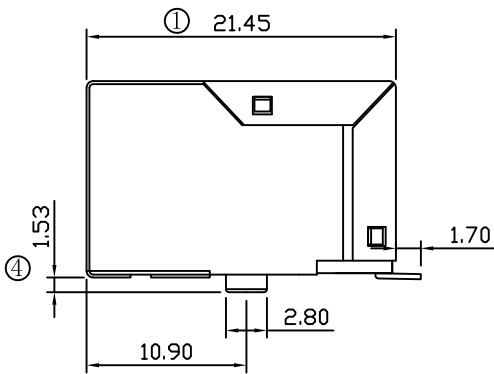


Mechanical:

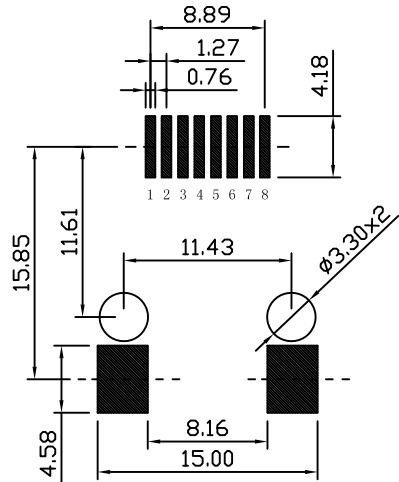
REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL	①=21.15 ②=16.04 ③=13.60 ④=1.00	2011-01-12	
B	REL	①=21.45 ②=15.91 ③=13.96 ④=1.53	2020-12-09	



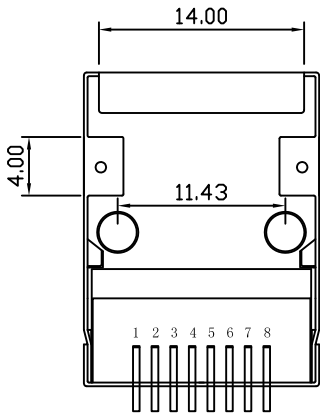
Front Side View



Left Side View



Suggested PCB Layout (Top View)



Bottom Side View



Top Side View

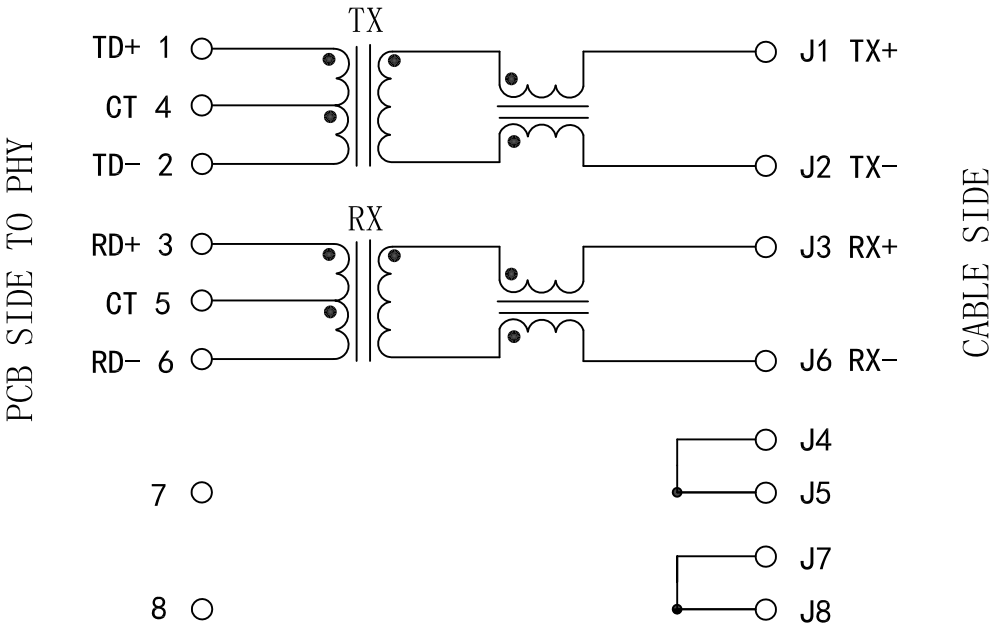
NOTES:

1. Meets IEEE 802.3 specification
2. Connector Materials:
Housing Material:Thermoplastic PA9T+30%G.F UL94V-0
Contact Material:Phosphor Bronze C5210R-EH Thickness=0.35mm
Pins:Brass C2680R-H Thickness=0.35mm
Shield:Copper alloy Brass H65Y Thickness=0.2mm
Contact plating: Gold 6 micro-inches min.In contact area.
- 3.Maximun reflow temperature is: 250℃,5 Sec.
- 4.UL Certification: File Number E321120

X:X ±0.25	APPD:	Trxcom Huizhou Trxcom Electronics Co.,Ltd.		
X:XX ±0.20	CHKD:			
X:XXX ±0.05	DR: SEA	TITLE: Surface Mount RJ45 Connector with 10/100 Base-T Integrated Magnetics		
ANGLES ±1°	UNIT: mm	PART NO. : TRJ19113DNL		
	SCALE: 2/1	SHEET: 1/4	REV: B	DWG NO. : TRC20120901

Schematic:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL	①=21.15 ②=16.04 ③=13.60 ④=1.00	2011-01-12	
B	REL	①=21.45 ②=15.91 ③=13.96 ④=1.53	2020-12-09	



Electrical Specifications @25℃

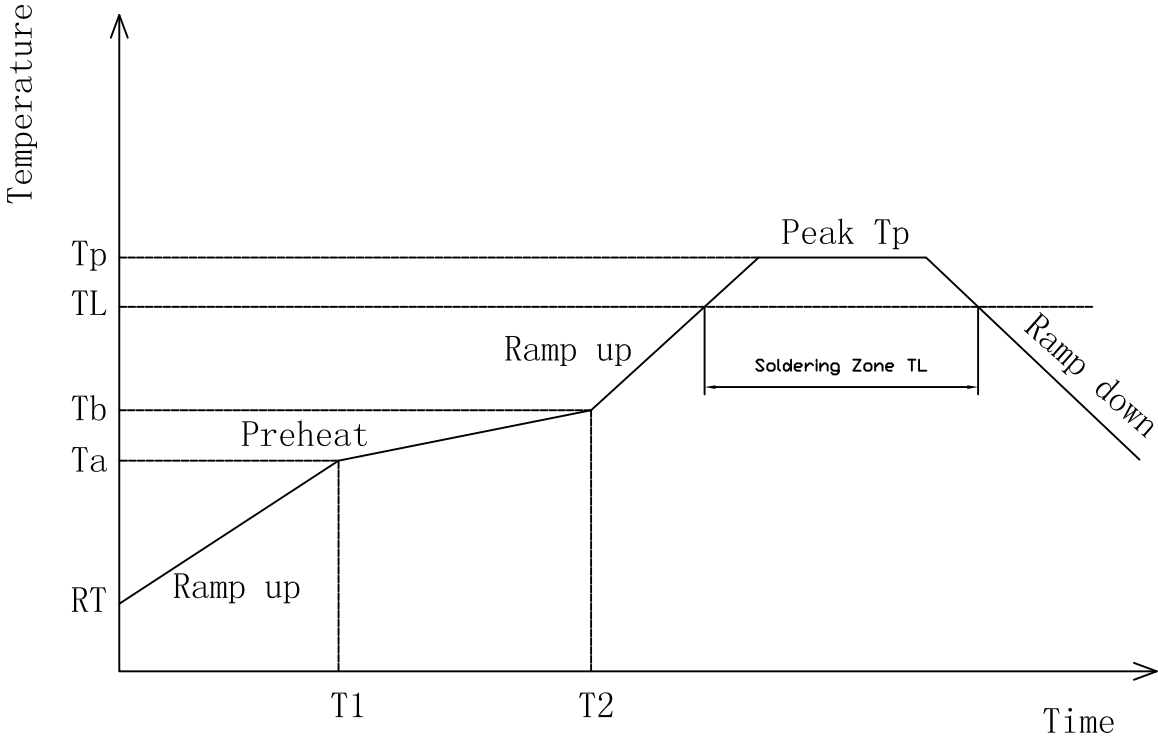
- Turns Ratio:
TX=1CT:1 RX=1CT:1
- Inductance:
350uH min @100KHz, 0.1V, 8mA
- Insertion Loss:
1-65MHz:-1.0dB Max
- Return Loss(dB Min @100Ω±15Ω):
1-10MHz:-18 10-30MHz:-14
60-80MHz:-10
- Crosstalk(dB Min):
1-30MHz:-35 30-60MHz:-35
60-100MHz:-30
- CMR: (dB Min):
1-50MHz:-20 50-130MHz:-20
- HI-POT: 1500Vrms @60Hz 1 MIN
- Operating Temperature: 0℃~70℃.



X:X	±0.25	APPD:	Trxcom Huizhou Trxcom Electronics Co.,Ltd.		
X:XX	±0.20	CHKD:			
X:XXX	±0.05	DR: SEA	TITLE: Surface Mount RJ45 Connector with 10/100 Base-T Integrated Magnetics		
ANGLES	±1°	UNIT: mm	PART NO.: TRJ19113DNL		
		SCALE: 2/1	SHEET: 2/4	REV: B	DWG NO.: TRC20120901

IR Reflow:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL	①=21.15 ②=16.04 ③=13.60 ④=1.00	2011-01-12	
B	REL	①=21.45 ②=15.91 ③=13.96 ④=1.53	2020-12-09	

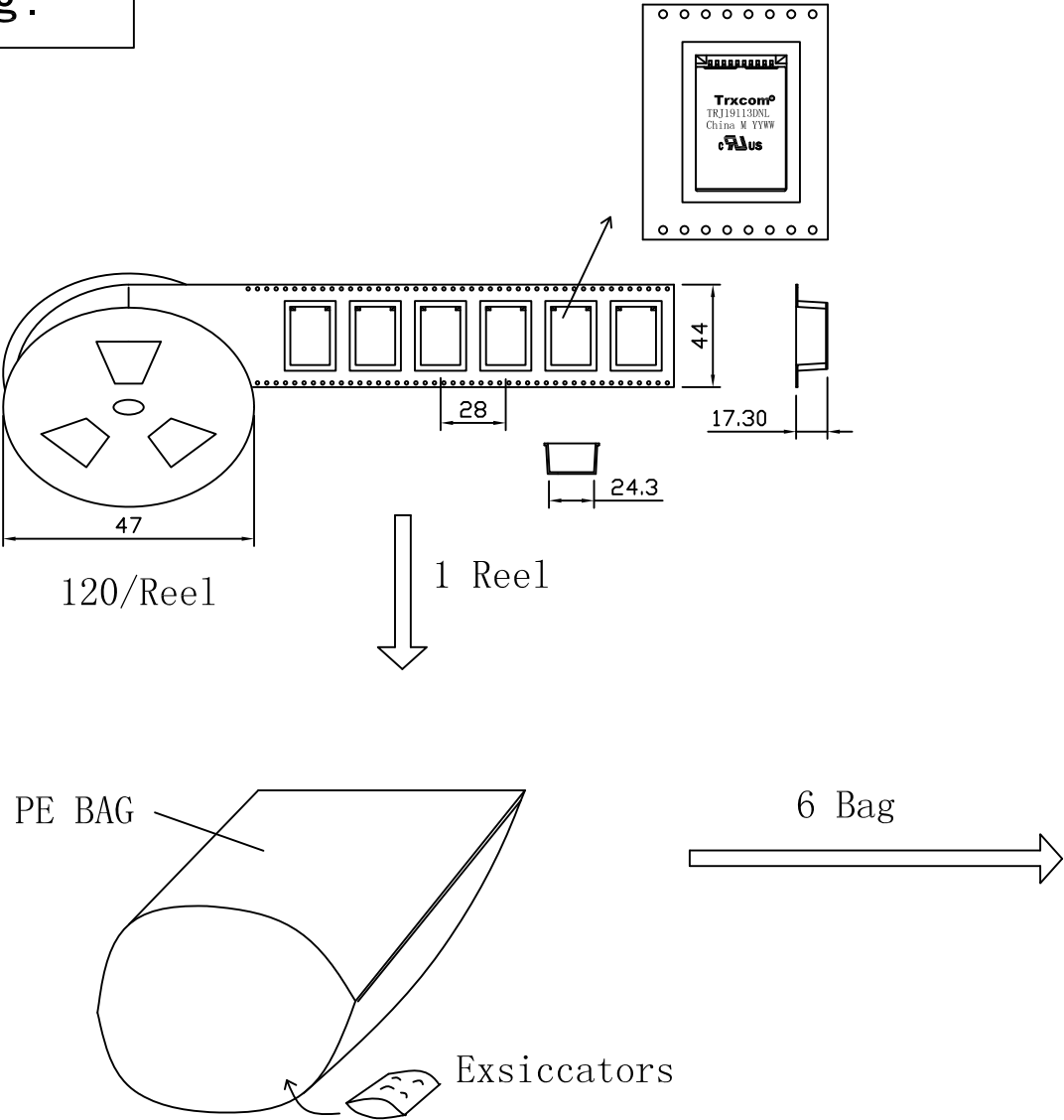


- ◆ Preheat:
Temperature (Ta-Tb) : 150-200℃
Time (t1-t2) : 60-180s
- ◆ Holding Temperature: 217℃
Time (TL) : 60-150s
- ◆ Max Temperature (Tp) : 250 (+0/-5℃)
Max Time (Tp) : 30s
- ◆ The average speed: 3℃/S Max
The average cooling speed: 6℃/S Max
- ◆ From 25℃ to Products out of the furnace: 6 minutes Max



X:X ±0.25	APPD:	Trxcom Huizhou Trxcom Electronics Co., Ltd.		
X:XX ±0.20	CHKD:			
X:XXX ±0.05	DR: SEA	TITLE: Surface Mount RJ45 Connector with 10/100 Base-T Integrated Magnetics		
ANGLES ±1°	UNIT: mm	PART NO.: TRJ19113DNL		
	SCALE: 2/1	SHEET: 3/4	REV: B	DWG NO.: TRC20120901

Packing:



- ◆ Packaging unit: 120pcs/reel
- ◆ Packaging way: Carrier tape
- ◆ Outer carton unit: 720pcs/6 Reel/box
- ◆ Net Weight: 4.5 kg
- ◆ Gross Weight: 8 kg

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL	①=21.15 ②=16.04 ③=13.60 ④=1.00	2011-01-12	
B	REL	①=21.45 ②=15.91 ③=13.96 ④=1.53	2020-12-09	

X:X	APPD:	Trxcom		
X:XX ±0.25	CHKD:	Huizhou Trxcom Electronics Co.,Ltd.		
X:XXX	DR: SEA	TITLE: Surface Mount 1×1 Tab-Up Jack With 10/100 Magnetic		
ANGLES ±1°	UNIT: mm	PART NO.: TRJ19113DNL		
	SCALE: 2/1	SHEET: 4/4	REV: B	DWG NO.: TRC20120901