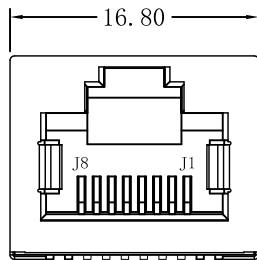
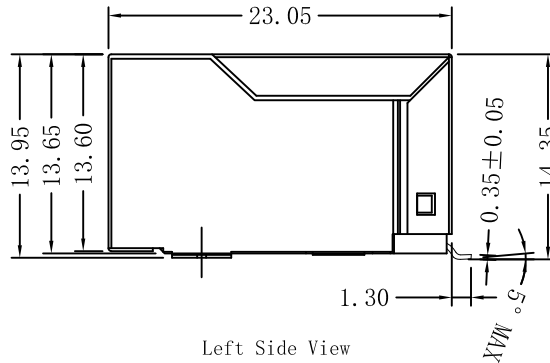


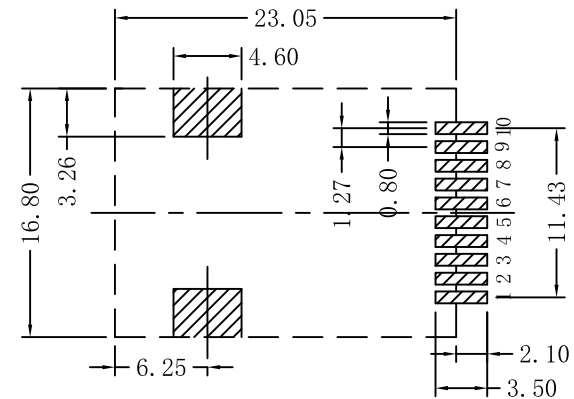
REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2015-07-03	



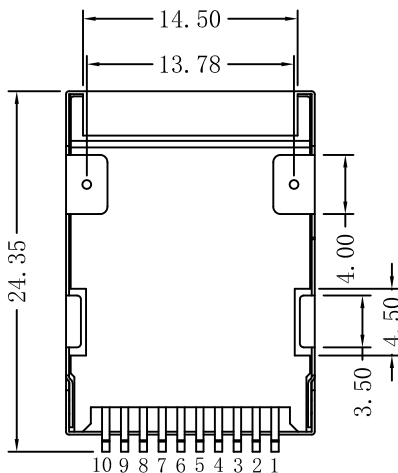
Front Side View



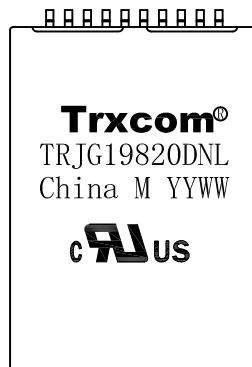
Left Side View



Suggested PCB Layout



Bottom Side View



Top Side View



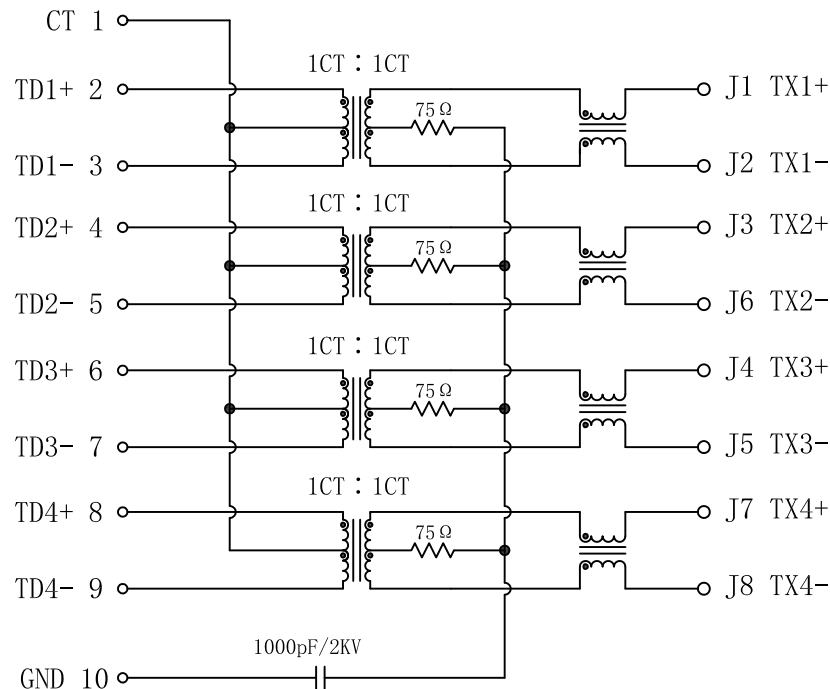
NOTES:

- Meets IEEE 802.3 specification
- Connector Materials:  
Housing Material: Thermoplastic LCP+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.
- Maximum reflow temperature is 250°C, 10 Sec.
- UL Certification: File Number E321120

X:X ±0.25	APPD:	<b>Trxcom</b> Huizhou Trxcom Electronics Co., Ltd.
X:XX ±0.20	CHKD:	
X:XXX ±0.05	DR: SEA	TITLE: Surface Mount 1×1 Tab-Up Jack With 1000 Magnetic
ANGLES ±1°	UNIT: mm	PART NO.: TRJG19820DNL

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2015-07-03	

PCB CONNECTIONS



RJ45 CONNECTOR

ELECTRICAL SPECIFICATIONS @25°C

- Turn Ratio ( $\pm 5\%$ ):  
TX=1CT:1CT      RX=1CT:1CT
- Inductance OCL: 350uH MIN  
@100KHz/0.1V, 8mA DC Bias
- Insertion Loss:  
-1.0dB MAX @1~100MHz
- Return Loss:  
-18dB MIN @1~30MHz  
-16dB MIN @30~60MHz  
-12dB MIN @30~80MHz  
-10dB MIN @80~100MHz
- Cross talk:  
-30dB MIN @1~100MHz
- Common Mode Rejection:  
-43dB MIN @30MHz  
-37dB MIN @80MHz  
-33dB MIN @100MHz
- Hipot Test: 1500Vrms MIN
- Operating Temperature Range: 0°C TO 70°C



X:X	$\pm 0.25$	APPD:	<b>Trxcom</b> Huizhou Trxcom Electronics Co., Ltd.	
X:XX	$\pm 0.20$	CHKD:		
X:XXX	$\pm 0.05$	DR: SEA	TITLE: Surface Mount 1×1 Tab-Up Jack With 1000 Magnetic	
ANGLES	$\pm 1^\circ$	UNIT: mm	PART NO.: TRJG19820DNL	
	SCALE: 2/1	SHEET: 2/4	REV: A	DWG NO.: TRC14012115

IR Reflow:



Langer Acker 32  
30900 Wedemark  
Germany

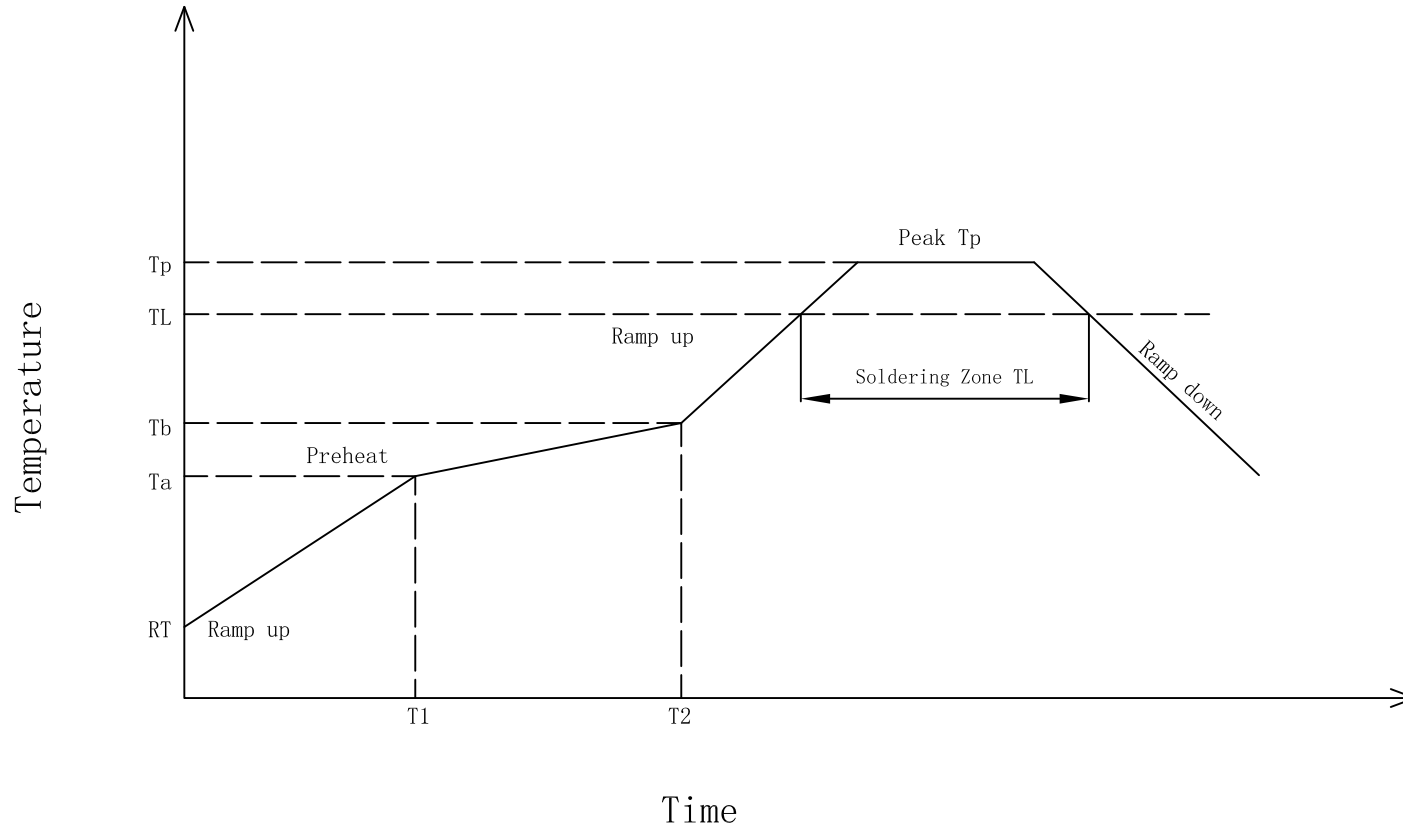
(+49) 5130 / 58642-0  
info@amec-gmbh.de  
www.amec-gmbh.de

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2015-07-03	

REV: A

TEMP (°C): 25

HUM (%): 65 RH



Preheat:

Temperature (Ta-Tb) : 150-200°C

Time (T1-T2) : 60-180s

Holding Temperature: 217°C

Time (TL) : 60-150s

Max Temperature (Tp) : 250 (+0/-5°C)

Max Time (Tp) : 10s

The average speed: 3°C/S Max

The average cooling speed: 6°C/S Max

From 25°C to Products out of the furnace: 6 minutes Max



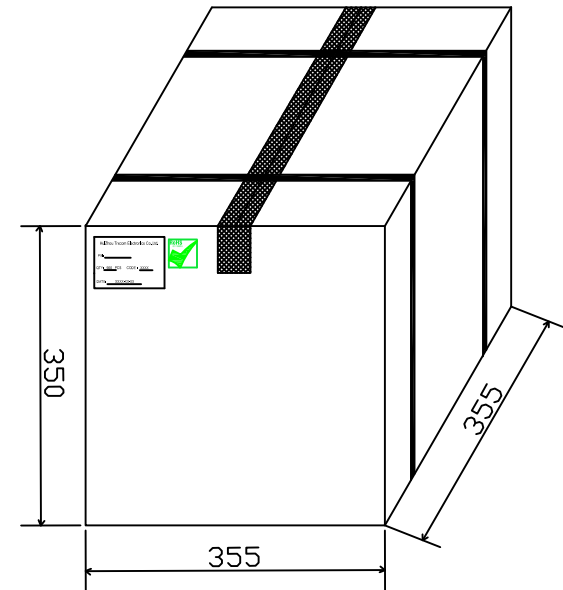
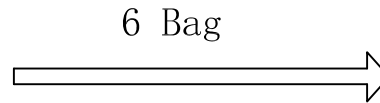
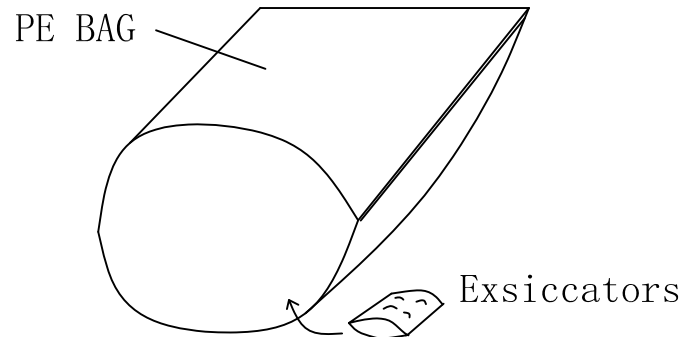
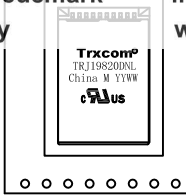
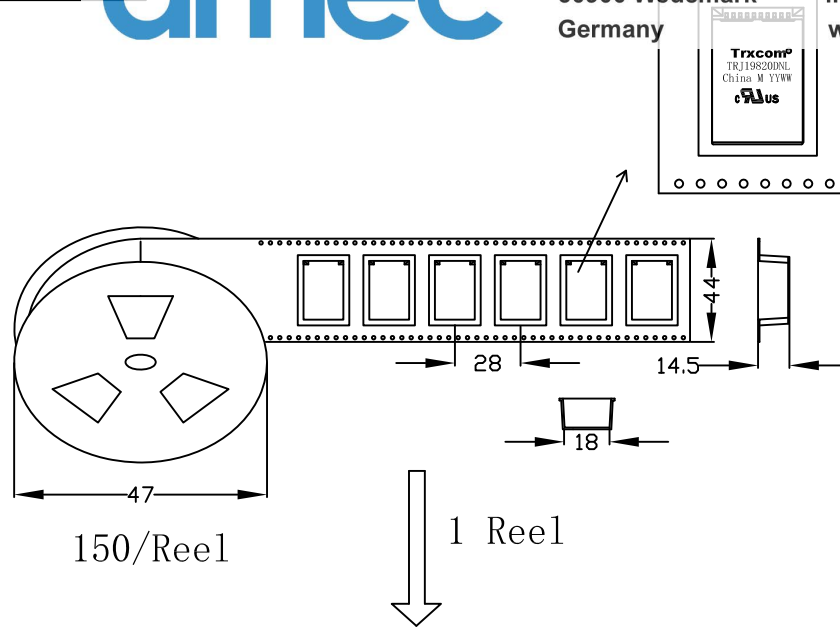
X:X ±0.25	APPD:	<b>Trxcom</b>
X:XX ±0.20	CHKD:	
X:XXX ±0.05	DR: SEA	TITLE: Surface Mount 1×1 Tab-Up Jack With 1000 Magnetic
ANGLES ±1°	UNIT: mm	PART NO.: TRJG19820DNL
	SCALE: 2/1	SHEET: 2/4
	REV: A	DWG NO.: TRC14012115

Packing:



Langer Acker 32 (+49) 5130 / 58642-0  
 30900 Wedemark info@amec-gmbh.de  
 Germany www.amec-gmbh.de

REV.	ECN NO.	DESCRIPTION	DATE	APPD
B	REL		2015-07-03	



- ◆ Packaging unit : 150 pcs/ reel
- ◆ Packaging way : Carrier tape
- ◆ Outer carton unit : 900 pcs/ 6 Reel/ box
- ◆ Net Weight : 6.5 kg
- ◆ Gross Weight : 9 kg

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 1000 Magnetic		
ANGLES ±1°	UNIT: mm	PART NO. : TRJG19820DNL		
	SCALE: 2/1	SHEET: 4/4	REV: A	DWG NO. : TRC14012115