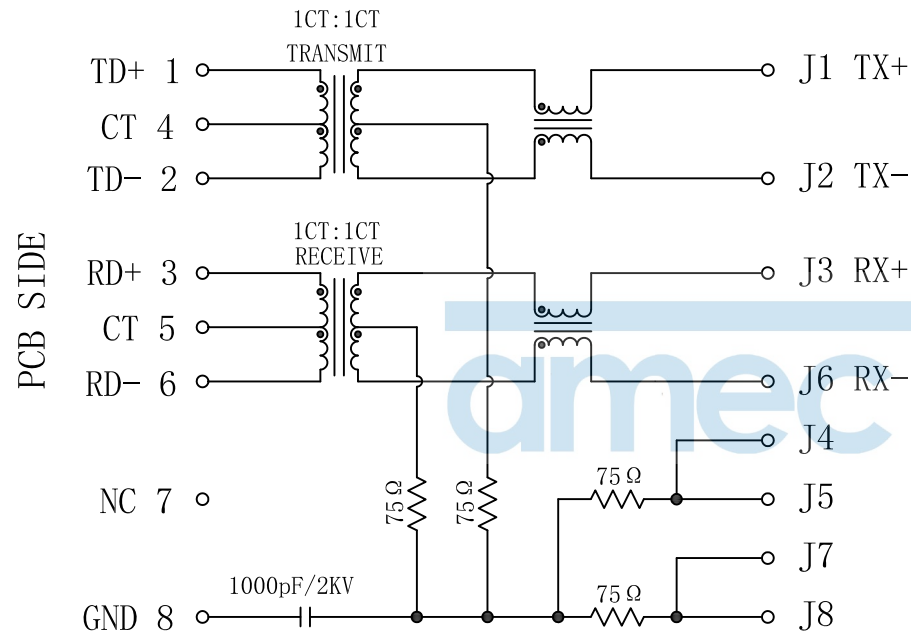


Schematic:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2015-05-28	



CABLE SIDE

Amger Acker 32
30900 Wedemark
Germany

ELECTRICAL SPECIFICATIONS @25°C

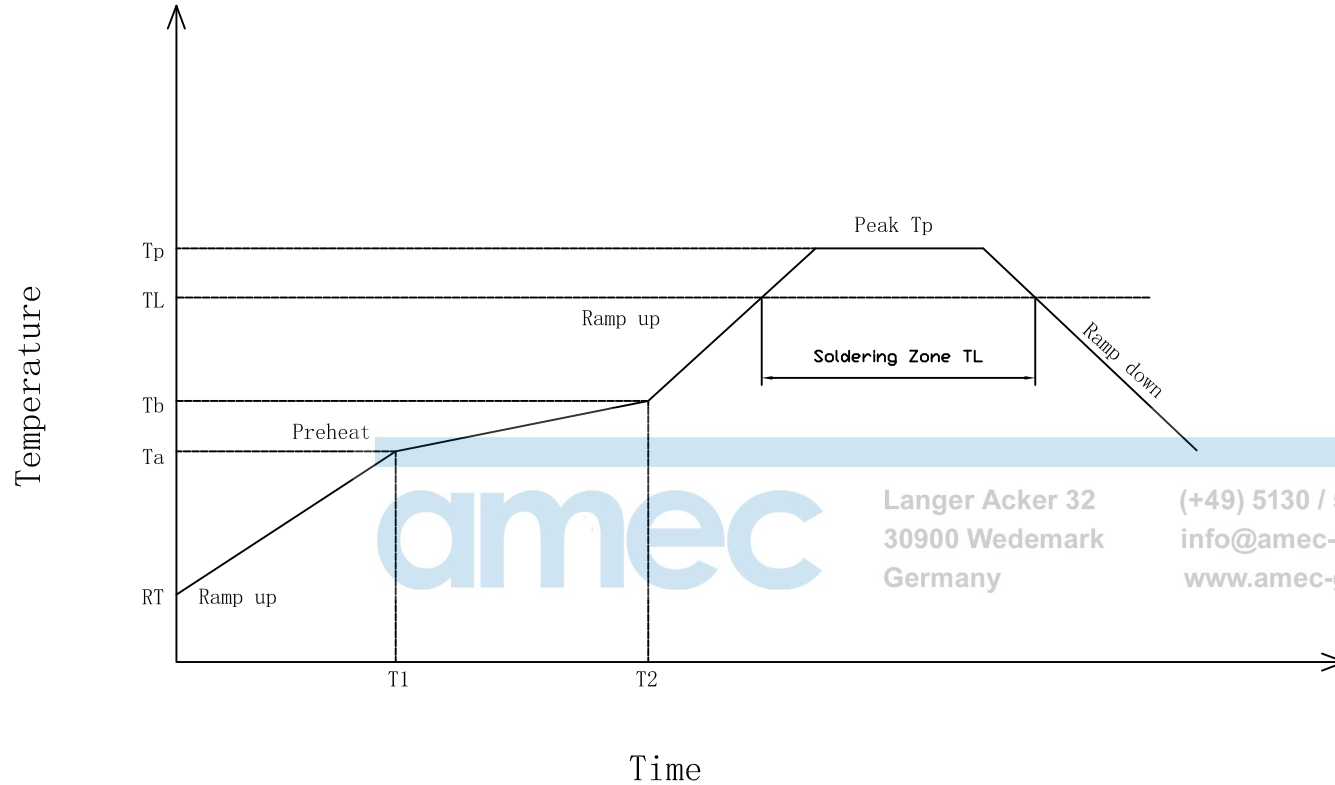
- Turn Ratio ($\pm 3\%$):
TX=1CT:1CT RX=1CT:1CT
- Inductance OCL:
350uH MIN @ 100KHz 0.1V 8mA DC Bias
- DCR: 1.2Ω MAX
- Insertion Loss:
-1.0dB MAX @ 1-100MHz
- Return Loss:
-18dB MIN @ 1-30MHz
-15dB MIN @ 30-60MHz
-12dB MIN @ 60-100MHz
- Cross talk:
-40dB MIN @ 30MHz
-35dB MIN @ 60MHz
-30dB MIN @ 100MHz
- Common Mode Rejection:
-30dB MIN @ 1-100MHz
- Hipot Test: 1500Vrms
- Operating Temperature Range: 0°C TO 70°C



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	$\pm 1^\circ$	UNIT: mm	PART NO.: TRJ19111DNL	
	SCALE: 2/1	SHEET: 2/4	REV: A	DWG NO.: TRC14052811

IR Reflow:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2015-05-28	



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) : 30s

The average speed: 3°C/S Max
 The average cooling speed: 6°C/S Max

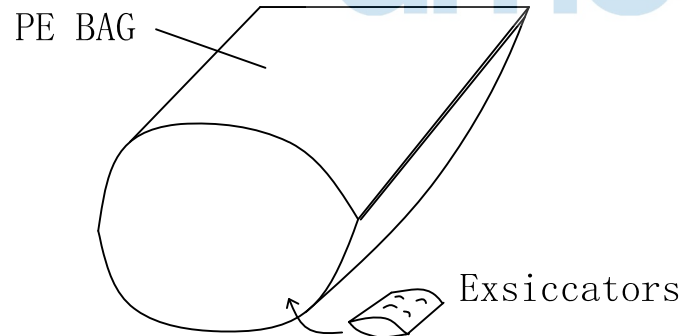
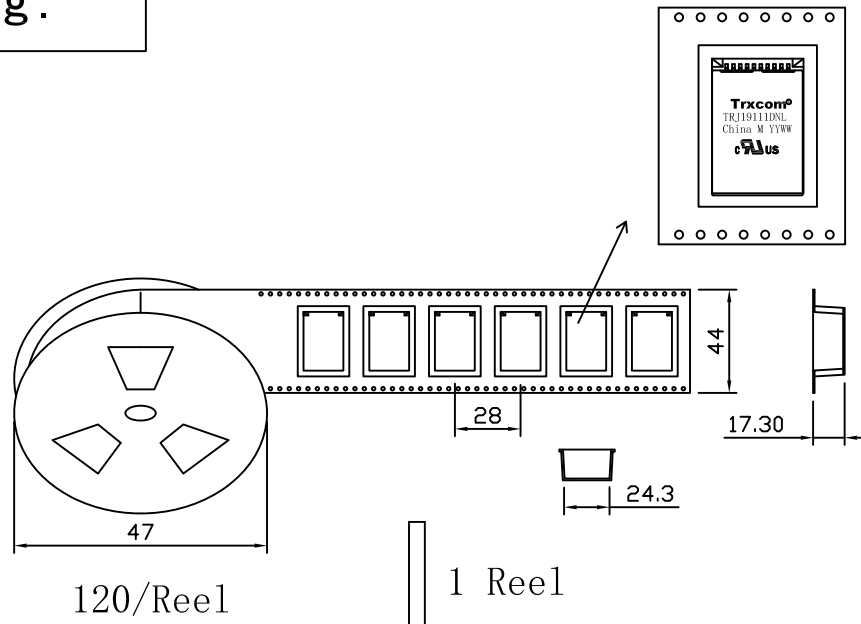
From 25°C to Products out of the furnace: 6 minutes Max



X:X ±0.25	APPD:	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.: TRJ19111DNL
	SCALE: 2/1	SHEET: 3/4
	REV: A	DWG NO.: TRC14052811

Packing:

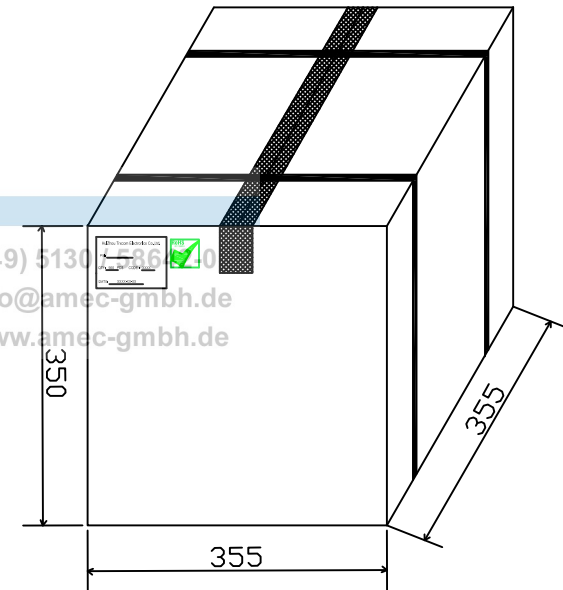
REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2015-05-28	



amec

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Germany

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www.amec-gmbh.de



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

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. : TRJ19111DNL	
		SCALE: 2/1	SHEET: 4/4	REV: A
				DWG NO. : TRC14052811