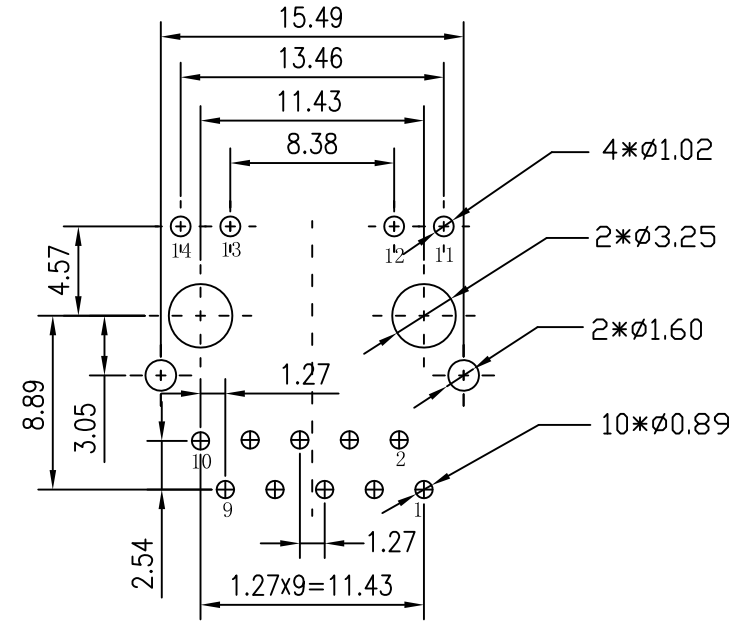
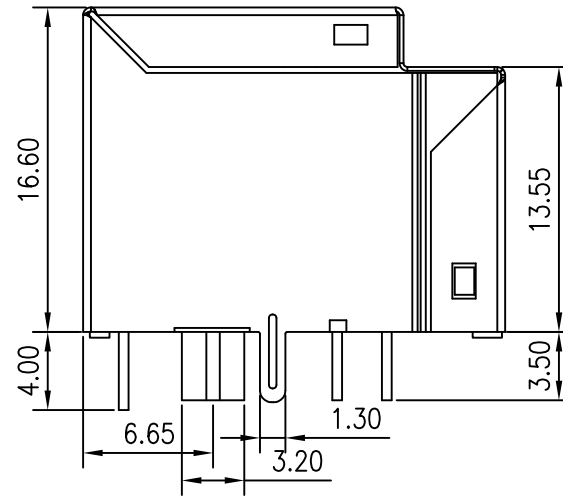
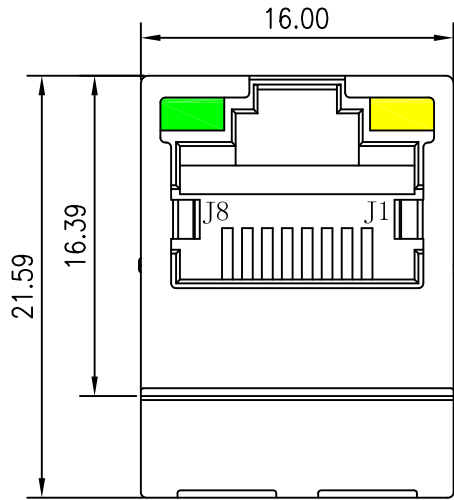
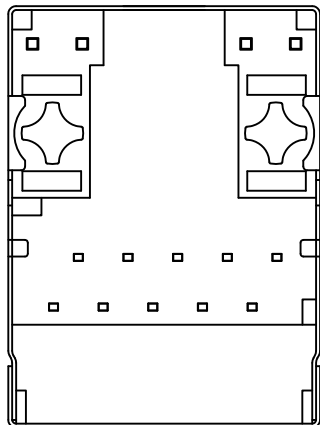


REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2010/12/01	



SUGGESTED PCB LAYOUT (TOP VIEW)

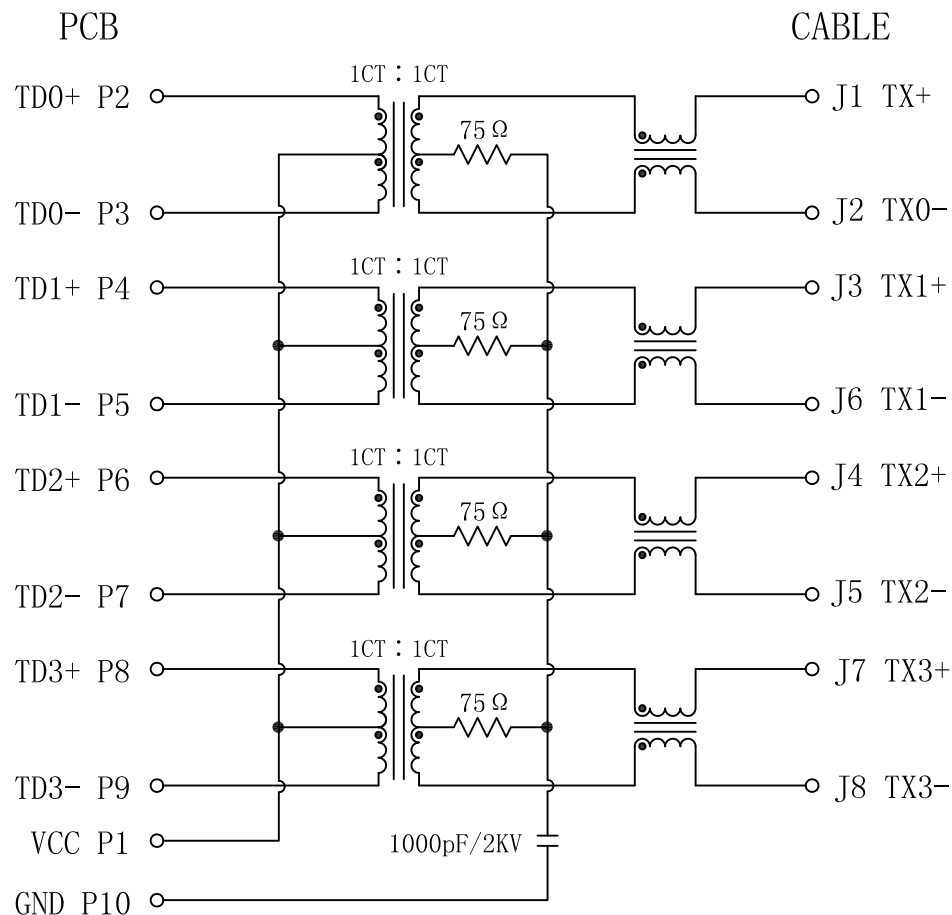


NOTES:

1. Designed to support application, such as SOHO (ADSL modems), LAN-on-Motherboard (LOM), hub and Switches.
1. Meets IEEE 802.3 specification
2. Connector Materials:  
Housing Material: Thermoplastic PBT+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. Wave solder tip temperature: 265°C Max, 5 Sec Max
4. UL Certification: File Number E321120

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: Vertical RJ45 Connector With 1000 Magnetic	
ANGLES	±1°	UNIT: mm	PART NO.: TRJD0720BENL	
	SCALE: 2/1	SHEET: 1/2	REV: A	DWG NO.: TRC10120101

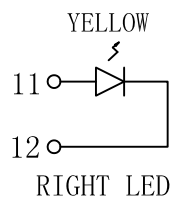
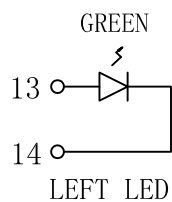
REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2010/12/01	



Electronics Specifications @25°C

1. TURNS RATIO: 1CT : 1CT
2. OCL: 350uH MIN  
@100KHz, 100mVAC, 8mADC
3. ISOLATION: 1500Vrms
4. INSERTION LOSS:  
-1.0dB MAX @ 1MHz TO 100MHz
5. RETURN LOSS:  
-18dB MIN @ 1MHz TO 40MHz  
-14dB MIN @ 40MHz TO 60MHz  
-12dB MIN @ 60MHz TO 80MHz  
-10dB MIN @ 80MHz TO 100MHz
6. CROSS TALK:  
-30dB MIN @ 1MHz TO 100MHz
7. COMMON MODE REJECTION:  
-35dB MIN @ 1MHz TO 100MHz
8. OPERATING TEMPERATURE RANGE: 0°C ~ +70°C.

Emitting Color	$\lambda$ p(nm)	VF@IF=20mA	IR @VR=5V
GREEN	565	1.8~2.6V	10 $\mu$ A max
YELLOW	585	1.8~2.6V	10 $\mu$ A max



X:X	$\pm 0.30$	APPD:	Trxcom	
X:XX	$\pm 0.25$	CHKD:	ShenZhen Trxcom Electronics Co., ltd	
X:XXX	$\pm 0.05$	DR: C. H. Y	TITLE: Vertical RJ45 Connector With 1000 Magnetic	
ANGLES	$\pm 1^\circ$	UNIT: mm	PART NO.: TRJD0720BENL	
	SCALE: 2/1	SHEET: 2/2	REV: A	TRC10120101

TRXCOM

Part NO: TRJD0720BENL

PART NAME: Lan filter in DIP connector



Langer Acker 32  
30900 Wedemark  
Germany

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

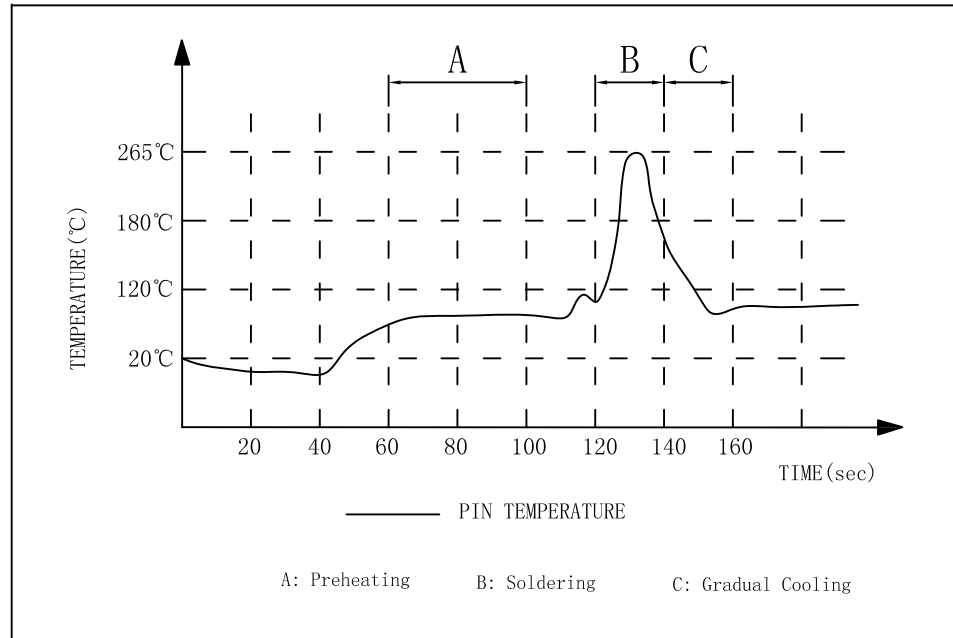


REV: A

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



Langer Acker 32  
30900 Wedemark  
Germany

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

## PACKAGING

Part number: TRJD0720BENL

1. Packaging unit: 50PCS/tray
2. Packaging material: PVC
3. Packaging shape: [Unit=cm]

### 4. Outer carton

Unit: 22Trays with plastic bag / outer carton (1100PCS) (G.W.: 10.00 Kg)

