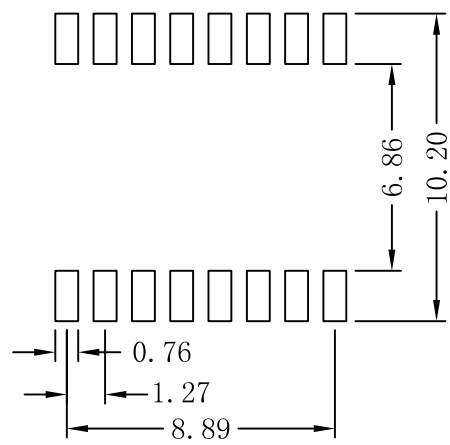
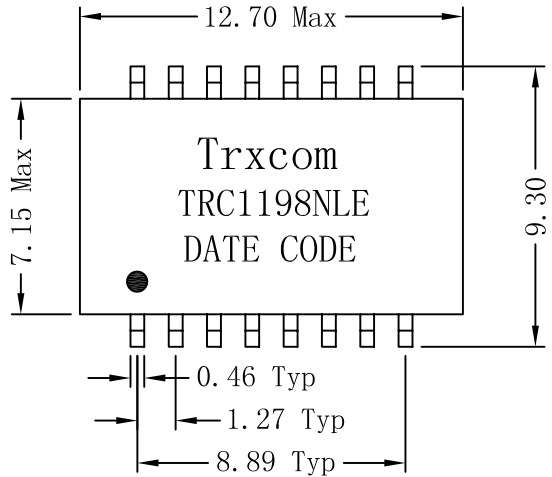
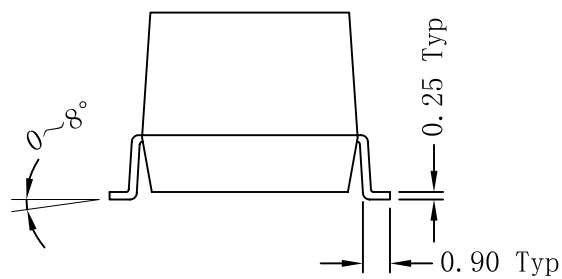
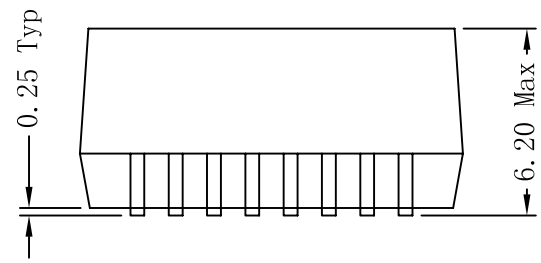


Mechanical:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		27/07/2007	



SUGGESTED PAD LAYOUT



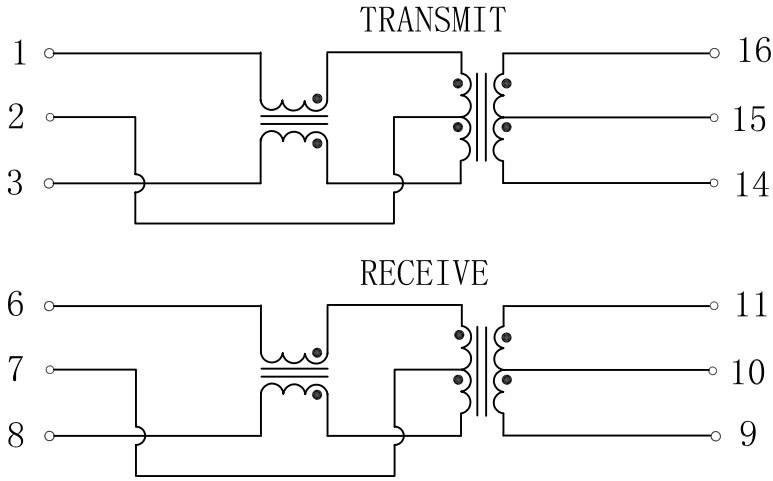
- NOTES:
- 1.Designed to support application,such as SOHO(ADSL modems), LAN-on-Motherboard(LOM),hub and Switches.
 - 2.With various Turns Ratios.
 - 3.350uH min OCL with 8mA bias current.
 - 4.RoHS"NLE" peak solder rating 235°C.
 - 5.UL Certification: File Number E321120.

Dimensions: mm
Unless otherwise specified,all tolerances are ± 0.25

X:X	APPD:	<i>Trxcom</i> <i>ShenZhen Trxcom Electronics Co.,ltd</i>		
X:XX	CHKD:			
X:XXX	DR: C.H.Y	<i>Title:</i> 10/100Base-T Single Port Transformer Modules		
ANGLES $\pm 1^{\circ}$	UNIT: mm	PART NO. :	TRC1198NLE	
	SCALE: 2/1	SHEET: 1/2	REV: A	DWG NO. :

Schematic:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		27/07/2007	



Electrical Specification @25℃

- 1. Turns Ratio:
TX=1CT : 1CT RX=1CT : 1CT
- 2. Insertion Loss:
0.1-100MHz:-1.0dB MAX
- 3. Return Loss(dB TYP) :
30MHz:-20 60MHz:-14
80MHz:-12
- 4. Crosstalk(dB TYP) :
30MHz:-45 60MHz:-40
100MHz:-35
- 5. DCMR(dB TYP) :
30MHz:-42 50MHz:-37
100MHz:-32
- 6. Isolation Voltage: 1500Vrms MIN
- 7. Operating Temperature: -40℃ ~+85℃.



X:X	APPD:	<i>Trxcom</i>		
X:XX	CHKD:	<i>ShenZhen Trxcom Electronics Co.,ltd</i>		
X:XXX	DR: C. H. Y	<i>Title:</i> 10/100Base-T Single Port Transformer Modules		
ANGLES ±1°	UNIT: mm	PART NO. :	TRC1198NLE	
	SCALE: 2/1	SHEET: 2/2	REV: A	DWG NO. :