

10/100M Single Port Tab-Up(Length=25.4MM)

Trxcom Technology Inc

※Designed to support applications, such as SOHO (ADSL Modems),
LAN-on-Motherboard (LOM), Hub and Switches.

※1x1 Tab-up RJ45 with internal magnetics

※Available with or without LEDs

※Meets or exceeds IEEE 802.3 standard for 10/100Base-T

※350uH minimum OCL with 8 mA bias current

※RoHS compliant

※Peak temperature $260 \pm 5^{\circ}\text{C}$



Electrical Specifications @25°C

Part Number		Turns Ratios		Insertion Loss (dB TYP)	Return Loss (dB TYP) 100Ω±15Ω				Crosstalk (dB TYP)			Common Mode Rejection (dB TYP)		Hipot (Vrms)
STD temp ¹	EXT temp ²	TX	RX	1-65 MHz	1-10 MHz	10-30 MHz	30-60 MHz	60-100 MHz	1-30 MHz	30-60 MHz	60-100 MHz	1- 50 MHz	50-150 MHz	@ 60Hz 1 MIN
TRJ1001	TRJ6001	1CT:1	1CT:1	-1	-20	-16	-12	-10	-40	-35	-30	-30	-20	1500
TRJ1002	TRJ6002	1CT:1	1CT:1	-1	-20	-16	-12	-10	-40	-35	-30	-30	-20	1500
TRJ1006	TRJ6006	1CT:1	1CT:1T	-1	-20	-16	-12	-10	-40	-35	-30	-30	-20	1500
TRJ1011	TRJ6011	1CT:1	1CT:1	-1	-20	-16	-12	-10	-40	-35	-30	-30	-20	1500
TRJ1012	TRJ6012	1CT:1	1CT:1	-1	-20	-16	-12	-10	-40	-35	-30	-30	-20	1500
TRJ1026	TRJ6026	1CT:1	1CT:1	-1	-20	-16	-12	-10	-40	-35	-30	-30	-20	1500

NOTE: 1.Standard(STD) operating temperature are 0°C to +70°C. 2.Extended(EXT) operating temperature are -40°C to +85°C.

TRJ XXXX X X NL
 ———— RoHS
 ———— LED Table(2)
 ———— Mechanical Table(1)
 ———— Model: Schematic

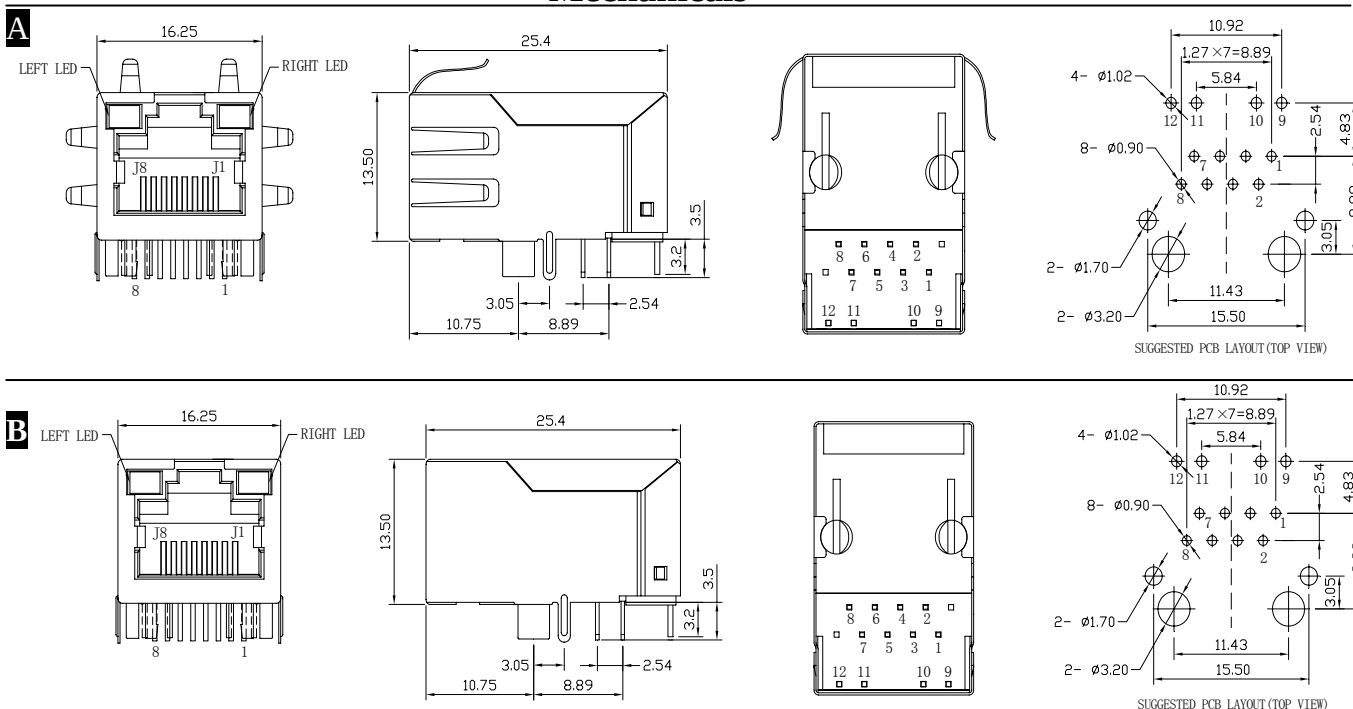
(1) TRJ Series Mechanical:

A	With Led and EMI-Finger (8Pin)
B	With Led and Non EMI-Finger(8Pin)
C	Without Led, but With EMI-Finger(8Pin)
D	Without Led and EMI-Finger(8Pin)

(2) LED Ordering Options:

LED CODE	LED COLOR		LED POLARITY
	LEFT LED	RIGHT LED	
A	YELLOW	GREEN	9 — 10 — 11 — 12 —
B	GREEN	YELLOW	9 — 10 — 11 — 12 —
C	GREEN	GREEN	9 — 10 — 11 — 12 —
D	YELLOW	GREEN	9 — 10 — 11 — 12 —
E	GREEN	YELLOW	9 — 10 — 11 — 12 —
F	GREEN	GREEN	9 — 10 — 11 — 12 —
G	YELLOW	GREEN	9 — 10 — 11 — 12 —
H	GREEN	YELLOW	9 — 10 — 11 — 12 —
O	ORANGE/GREEN	YELLOW	9 — 10 — 11 — 12 —

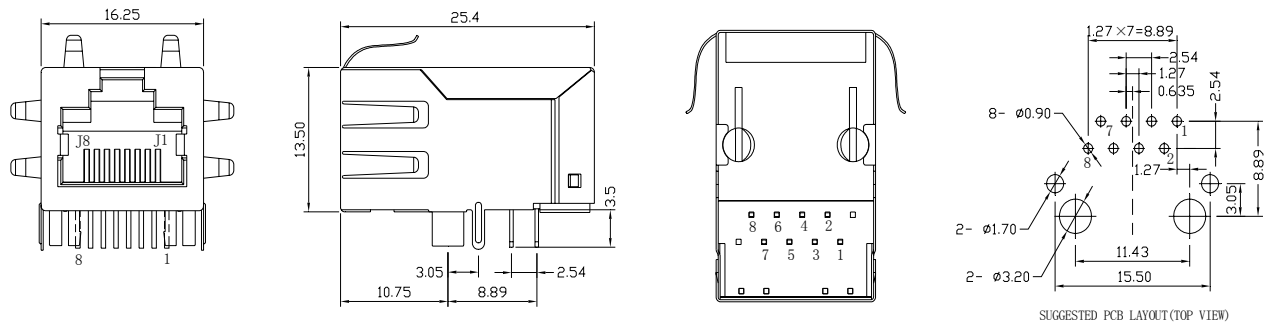
Mechanicals



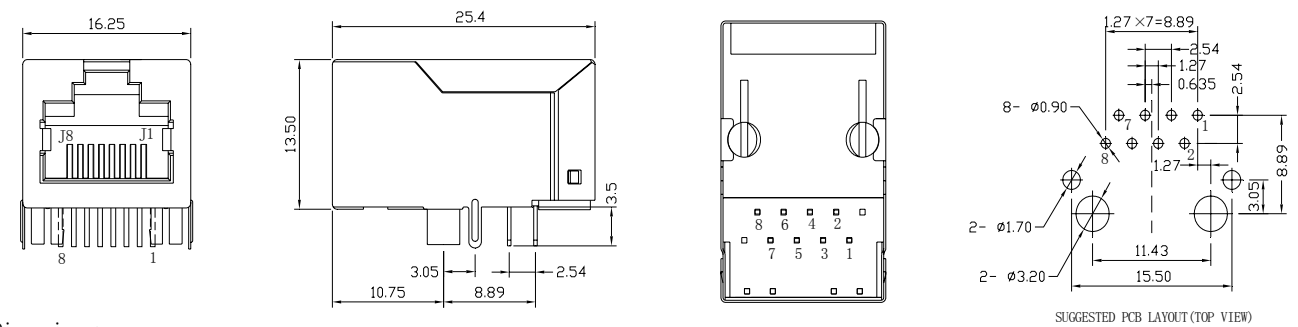
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C



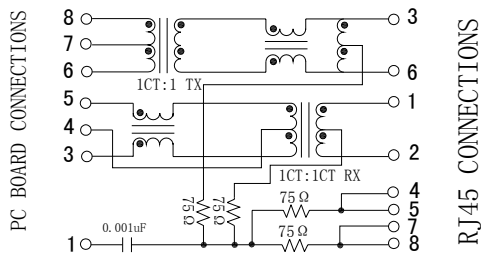
D



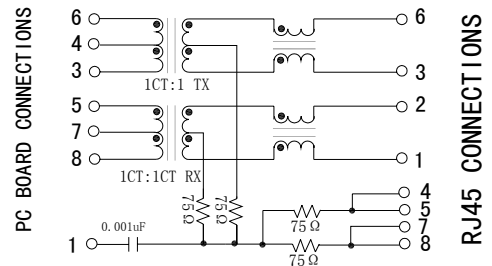
Dimensions: mm
Unless otherwise specified,
all tolerances are ± 0.25

Schematics

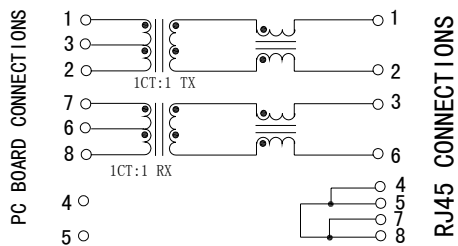
TRJ1001



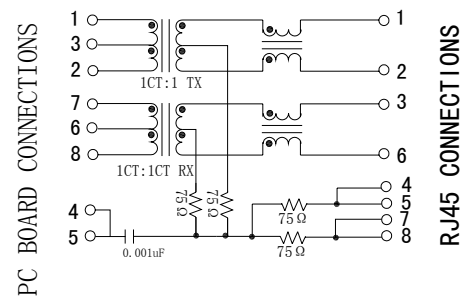
TRJ1002



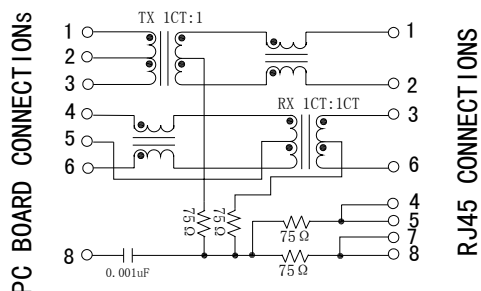
TRJ1006



TRJ1011



TRJ1012



TRJ1026

