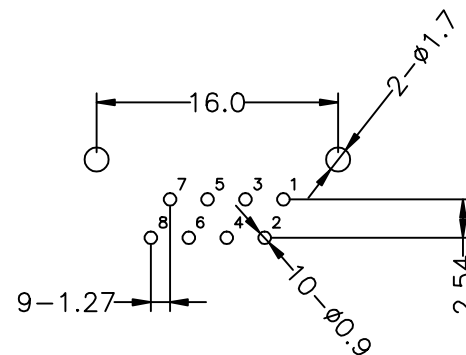
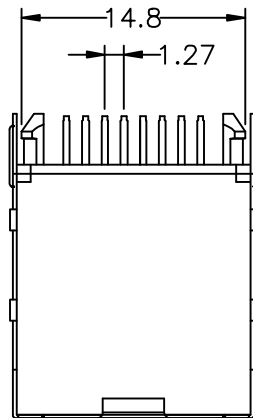
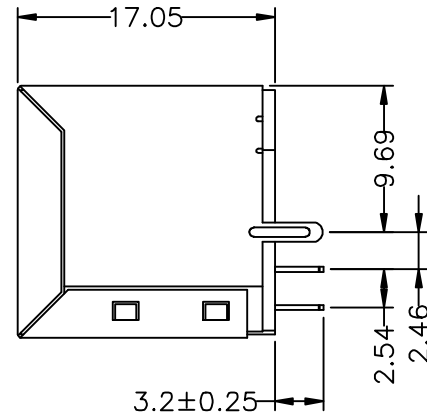
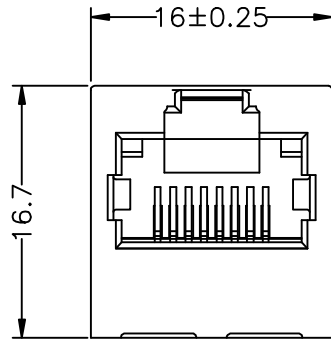
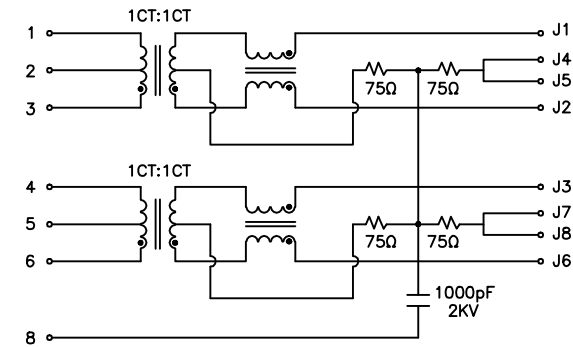




SUGGESTED PCB LAYOUT
(TOP VIEW)



ELECTRICAL CHARACTERISTICS :

1. TURNS RATIO : TX/RX = 1CT : 1CT $\pm 3\%$.
2. L/L (@100KHz / 0.1Vrms) : 0.4uH MAX.
3. CW/W (@100KHz / 0.1Vrms) : 40pF MAX.
4. DCR: J1-J2 / J3-J6 = 1.2 Ω MAX.
5. OCL (@100KHz / 0.1Vrms, WITH 8MA DC BIAS) : 350uH MIN.
6. INSERTION LOSS (@0.1-100MHz) = -1.2 dB MAX.
7. RETURN LOSS : 1~30MHz = -18dB MIN.
30~80MHz = -12dB MIN.
8. CROSS TALK (@0.1-100MHz) = -35dB TYP.
9. CMRR (@30-100MHz) : -30dB TYP.
10. HI-POT : 1500 Vrms.
11. RoHS COMPLIANT

								TITLE RJ45 1*1/Transformer 10/100	
								DWG. NO. RJC-036R	
	RELEASE	10/25 /2010	SHIRLEY	BETTY	KING	UNITS: M/M	SAFETY		SHEET 1 of 1
NO:	DESCRIPTION	DATE	BY	CHK	APPD	DATE	P/N:	DRAW	
REVISIONS						10/25/10			SHIRLEY