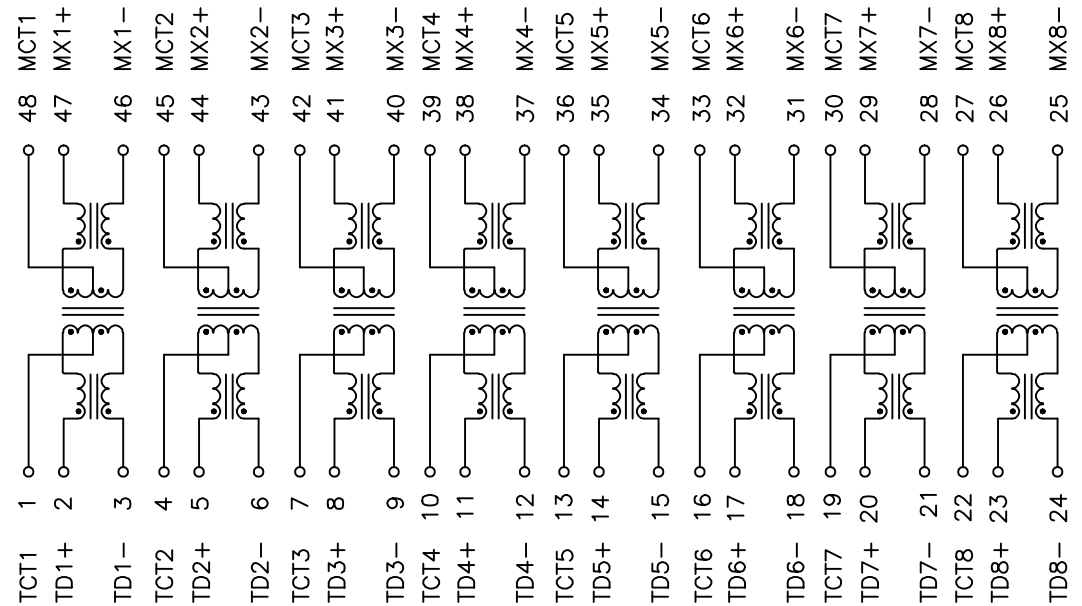


SUGGESTED PCB LAYOUT

UNLESS OTHERWISE SPECIFIED ALL TOLERANCES ARE XX.XX±0.25 0.XX±0.05



ELECTRICAL CHARACTERISTICS:

- TURN RATIO : TX = 1CT : 1CT ±3%
RX = 1CT : 1CT ±3%
- OCL(@100KHZ,0.1Vrms W/H 8mA/DC BIAS) : 350uH MIN.
- HI-POT : 1.5KVrms
- CROSS TALK ATTENUATION:
30 MHz = -45dB MIN. 60 MHz = -40dB MIN.
100 MHz = -35dB MIN.
- RETURN LOSS :
1-30MHz = -18dB MIN. 40MHz = -14.4dB MIN.
50MHz = -13.1dB MIN. 60-80MHz = -12dB MIN.
100MHz = -10dB MIN.
- INSERTION LOSS : 1-100MHz = -1.0dB MAX.
- DCMR : 30MHz = -43dB MIN. 60MHz = -37dB MIN.
100MHz = -33dB MIN.
- LEAKAGE INDUCTANCE : 0.5uH MAX.
- RoHS COMPLIANT

							TITLE 10/100/1000 BASE-T TRANSFORMER	
							DWG. NO. ATPL-465R	
RELEASE		12/19/2013	SHIRLEY	BETTY	BETTY	UNITS: M/M	SAFETY	SHEET 1 of 1
NO:	DESCRIPTION	DATE	BY	CHK	APPD	DATE 12/19/13	P/N:	DRAW SHIRLEY
REVISIONS								