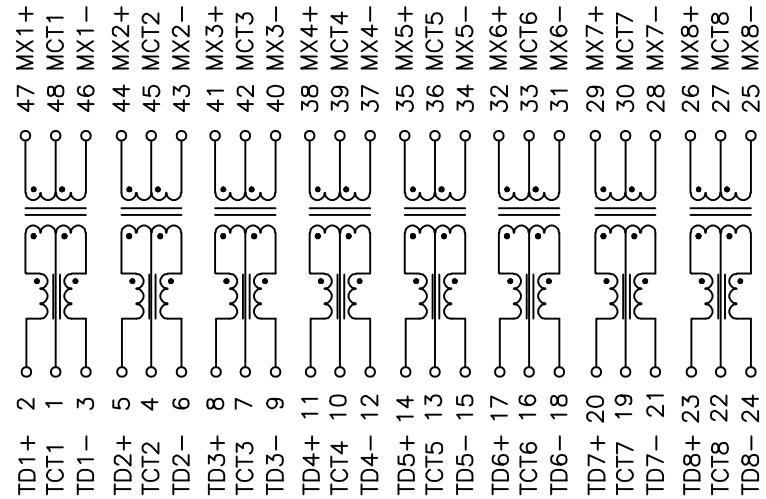


SUGGESTED PCB LAYOUT



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 = -43dB MIN.
60 MHz = -37dB MIN.
100 MHz = -33dB MIN.
- RETURN LOSS :
30MHz = -18dB MIN.
60MHz = -12dB MIN.
80MHz = -12dB MIN.
100MHz = -10dB MIN.
- INSERTION LOSS : 1-100MHz = -1.0dB MAX.
125MHz = -2dB MAX.

△ 7. PoE APPLICATION WITH 720mA CURRENT CAPABILITY

8. RoHS COMPLIANT

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

							TITLE 10/100/1000 BASE-T TRANSFORMER	
							DWG. NO. ATPL-453R	
A	CHANGE ELECTRICAL CHARACTERISTICS	06/23/2015	SHIRLEY	BETTY	BETTY	UNITS: M/M	SAFETY	SHEET 1 of 1
	RELEASE	11/22/2012	SHIRLEY	KELLY	KELLY			
NO:	DESCRIPTION	DATE	BY	CHK	APPD	DATE	P/N:	DRAW
REVISIONS						11/22/12		SHIRLEY