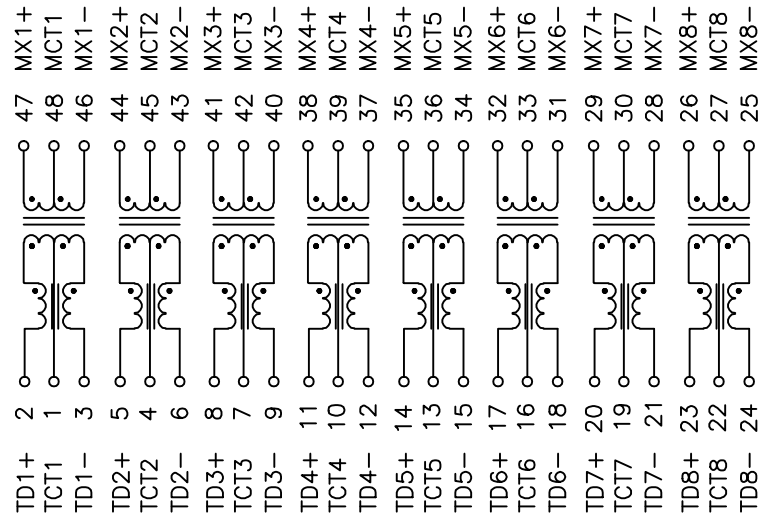


SUGGESTED PCB LAYOUT



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 : 0.3MHz = -1.1dB MAX.  
100MHz = -1.0dB MAX.
- PoE APPLICATION WITH 350mA CURRENT CAPABILITY
- 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-456R	
RELEASE		05/02/2013	SHIRLEY	BETTY	BETTY	UNITS: M/M	SAFETY	SHEET 1 of 1
NO:	DESCRIPTION	DATE	BY	CHK	APPD	DATE	P/N:	DRAW
REVISIONS						05/02/13		SHIRLEY