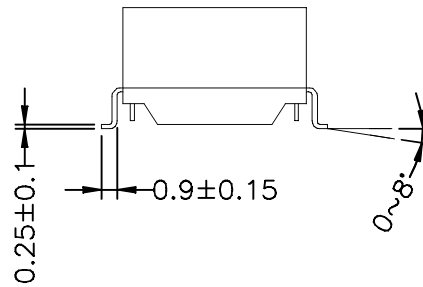


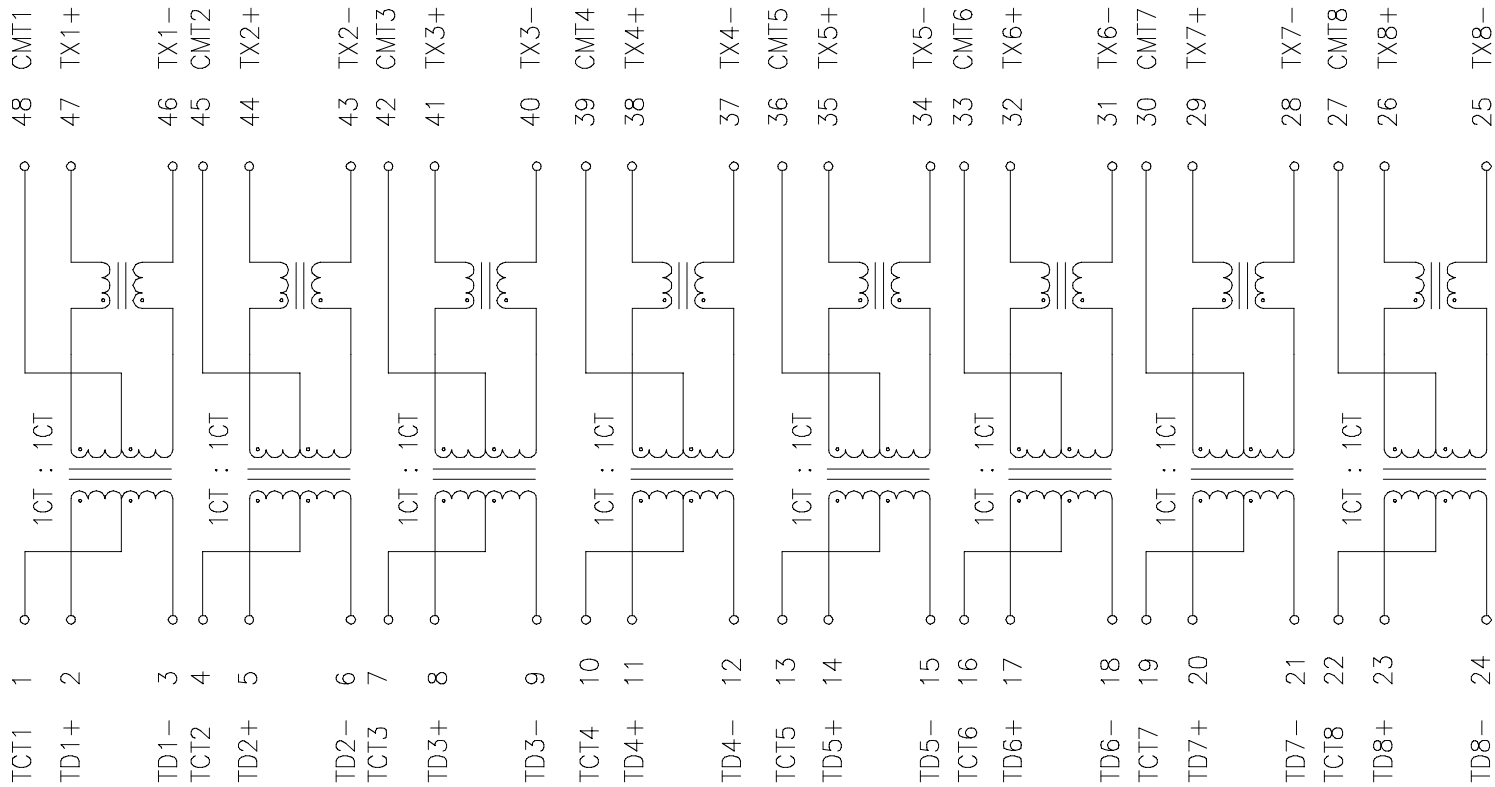
SUGGESTED PAD LAYOUT




ELECTRICAL CHARACTERISTICS@25°C

1. OCL : (@100kHz, 0.1V) : 350uH MIN.
2. LEAKAGE INDUCTANCE : (@100kHz, 0.1V) : 0.5uH MAX.
3. DCR : 1.0Ω MAX.
4. TURNS RATIO : 1CT : 1CT ±5%
5. INSERTION LOSS : (@1-150MHz) : -1.5dB MAX.
6. RETURN LOSS : PHY SIDE TO LINE SIDE (ON LOAD 100Ω)
  - (@1-30MHz) : -20dB MIN.
  - (@30-60MHz) : -16dB MIN.
  - (@60-80MHz) : -14dB MIN.
  - (@80-100MHz) : -10dB MIN.
  - (@100-125MHz) : -9dB MIN.
  - (@125-150MHz) : -8dB MIN.
7. CROSS TALK : (@1-150MHz) : -30dB MIN.
8. COMMON MODE REJECTION : (@1-150MHz) : -30dB MIN.
9. ISOLATION HIPOT : (@1500VAC, 1mA, 60S)
10. OPERATING TEMPERATURE : 0°C TO +70°C
11. STORAGE TEMPERATURE : -25°C TO +125°C
12. RoHS COMPLIANT

								TITLE	
								2.5G BASE-T TRANSFORMER	
								DWG. NO.	
								ATPL-480R	
RELEASE						UNITS:		SAFETY	
NO: DESCRIPTION						DATE		P/N:	
DATE						BY		DRAW	
DATE						CHK		SHEET 1 of 2	
DATE						APPD		DRAW	
REVISIONS									



								TITLE 2.5G BASE-T TRANSFORMER	
								DWG. NO. ATPL-480R	
RELEASE						UNITS:		SAFETY	
NO:	DESCRIPTION	DATE	BY	CHK	APPD	DATE		P/N:	
REVISIONS								DRAW	