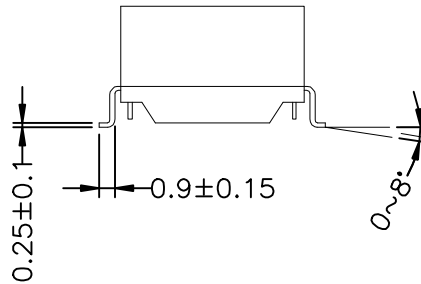


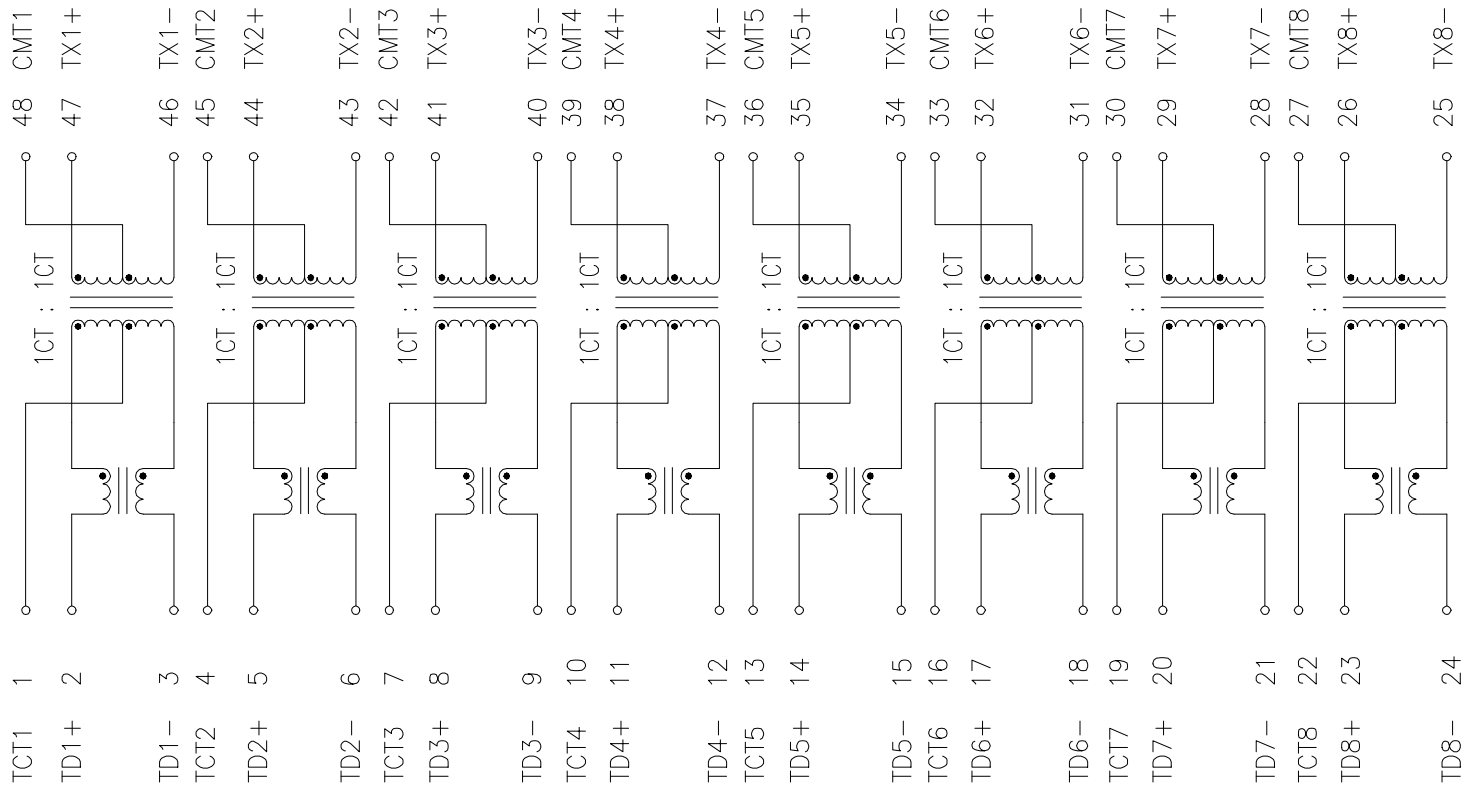
SUGGESTED PAD LAYOUT




ELECTRICAL CHARACTERISTICS@25°C

1. OCL : (@100kHz, 0.1V, 14mA DC BIAS) : 120uH MIN.
2. LEAKAGE INDUCTANCE : (@100kHz, 0.1V) : 0.5uH MAX.
3. DCR : 1.0Ω MAX.
4. TURNS RATIO : 1CT : 1CT ±5%
5. INSERTION LOSS : (@1-100MHz) : -1.0dB MAX.
(@100-250MHz) : -2.0dB MAX.
6. RETURN LOSS :
@ 1≤f≤40MHz : -16dB MIN.
@ 40<f≤250MHz, where f is in MHz : -16+10log(f/40)dB MIN.
7. CROSS TALK : (@1-250MHz) : -30dB TYP.
8. COMMON MODE REJECTION : (@1-250MHz) : -30dB TYP.
9. ISOLATION HIPOT : (@1500VAC, 1mA, 60S)
10. OPERATING TEMPERATURE : -40°C TO +85°C
- ⚠ 11. STORAGE TEMPERATURE : -40°C TO +85°C
- ⚠ 12. PoE Support 90W : Each channel support 900mA DC balance current •
One gigabit Base-T(Full channels) port support 1800mA DC balance current.
13. RoHS COMPLIANT

							TITLE 2.5G/5G BASE-T PoE TRANSFORMER	
							DWG. NO. ATPL-564TPR	
02	Update PoE condition	04/08/2024	SHIRLEY	BETTY	BETTY	UNITS: M/M	SAFETY	SHEET 1 of 2
01	RELEASE	09/13/2022	SHIRLEY	BETTY	BETTY			
NO:	DESCRIPTION	DATE	BY	CHK	APPD	DATE 09/13/22	P/N:	DRAW SHIRLEY
REVISIONS								



							TITLE	
							2.5G/5G BASE-T PoE TRANSFORMER	
02	Update PoE condition	04/08/2024	SHIRLEY	BETTY	BETTY	DWG. NO.		ATPL-564TPR
01	RELEASE	09/13/2022	SHIRLEY	BETTY	BETTY	UNITS:	SAFETY	SHEET 2 of 2
NO:	DESCRIPTION	DATE	BY	CHK	APPD	M/M		
REVISIONS						DATE	P/N:	DRAW
						09/13/22		SHIRLEY

Pb-free Soldering Heat Withstanding Survey

