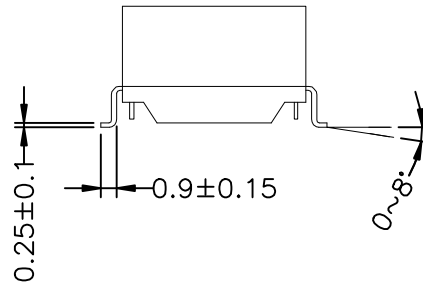


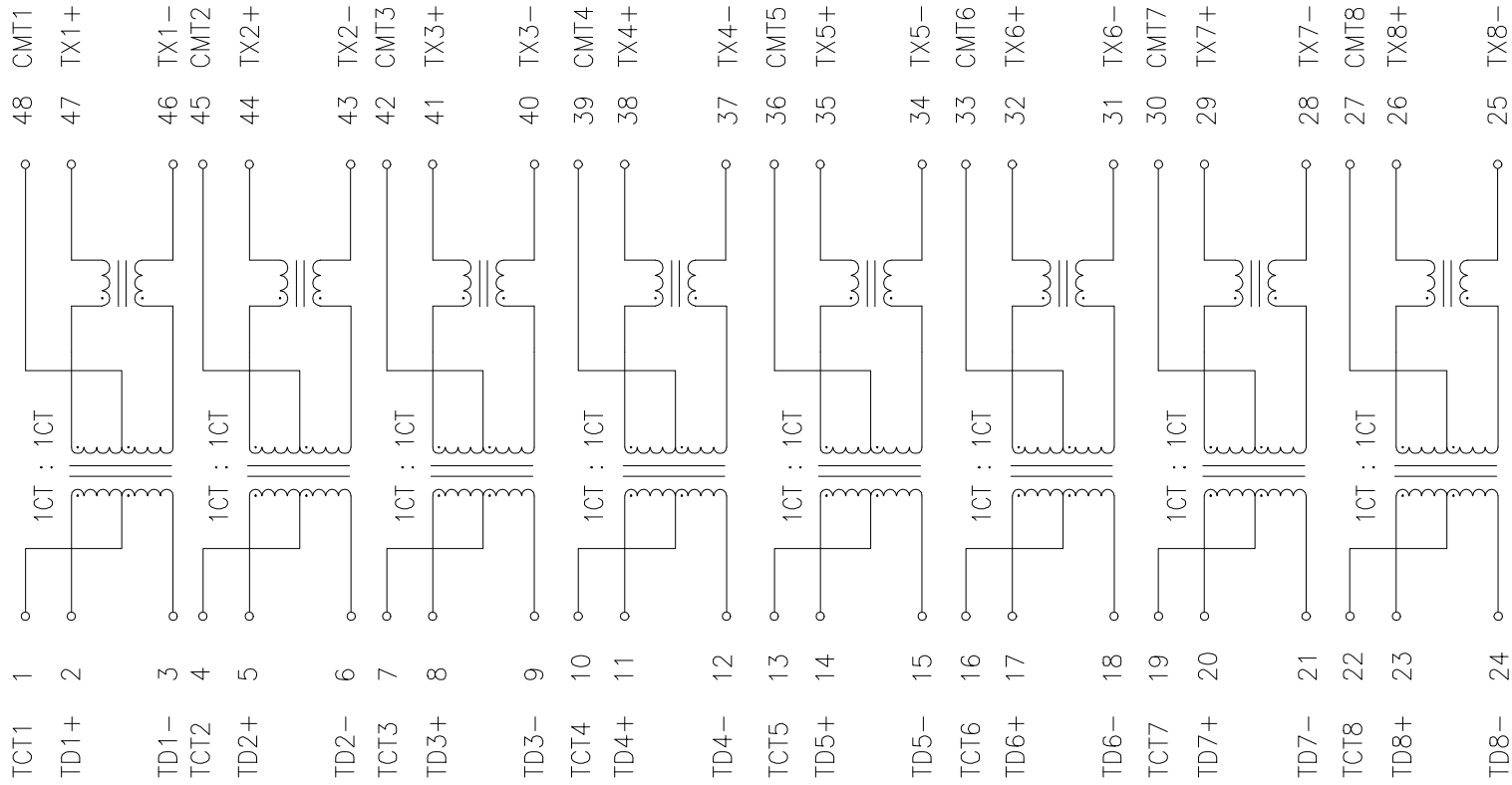
SUGGESTED PAD LAYOUT




ELECTRICAL CHARACTERISTICS@25°C

1. OCL : (@100kHz, 0.1V) : 200uH MIN.
2. LEAKAGE INDUCTANCE : (@100kHz, 0.1V) : 0.5uH MAX.
3. DCR : 0.9Ω MAX.
4. Cw/w : (@100kHz, 0.1V) 25pF TYP.
5. TURNS RATIO : 1CT : 1CT ±5%
6. INSERTION LOSS : (@0.1~1MHz) : -3.0dB MAX.
 (@1~200MHz) : -1.2dB MAX.
 (@200~300MHz) : -1.5dB MAX.
 (@300~400MHz) : -2.0dB MAX.
 (@400~500MHz) : -3.0dB MAX.
7. RETURN LOSS : (@0.3~100MHz) : -18dB MIN.
 (@100~200MHz) : -16dB MIN.
 (@200~300MHz) : -12dB MIN.
 (@300~400MHz) : -10dB MIN.
 (@400~500MHz) : -8dB MIN.
8. CROSS TALK : (@1~500MHz) : -25dB MIN.
9. COMMON MODE REJECTION : (@1~500MHz) : -25dB MIN.
10. ISOLATION HIPOT : (@1500Vac, 60s or 2250Vdc 60s)
11. OPERATING TEMPERATURE : 0°C TO +70°C
12. STORAGE TEMPERATURE : -20°C TO +125°C
13. RoHS COMPLIANT

							TITLE		10G BASE-T TRANSFORMER
							DWG. NO.		ATPL-486R
RELEASE		08/25/2015	SHIRLEY	BETTY	BETTY	UNITS:	SAFETY		SHEET 1 of 2
NO: DESCRIPTION		DATE	BY	CHK	APPD	DATE	P/N:		DRAW
REVISIONS					08/25/15		SHIRLEY		



							TITLE 10G BASE-T TRANSFORMER	
							DWG. NO. ATPL-486R	
RELEASE		08/25 /2015	SHIRLEY	BETTY	BETTY	UNITS: M/M	SAFETY	
NO:	DESCRIPTION	DATE	BY	CHK	APPD	DATE 08/25/15	P/N:	DRAW SHIRLEY
REVISIONS								SHEET 2 of 2