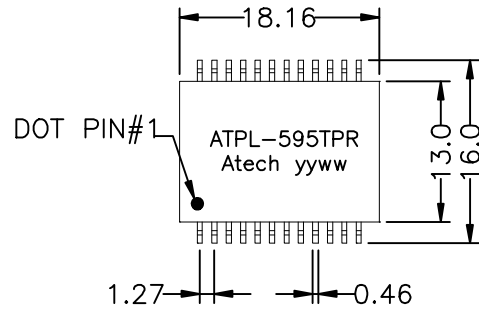
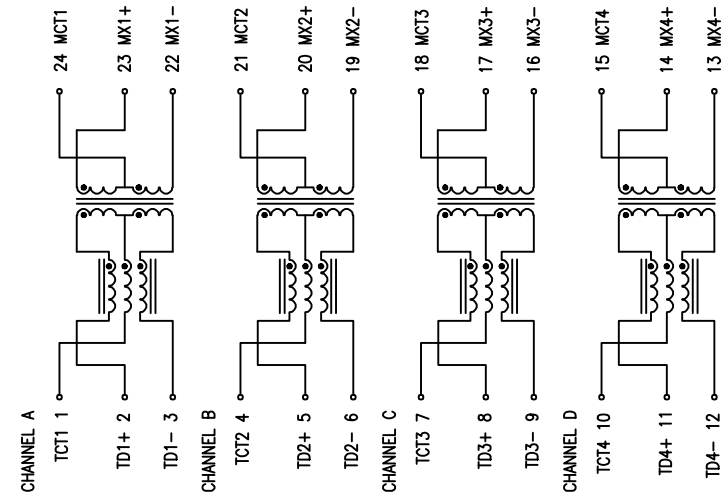


SUGGESTED PAD LAYOUT



* RoHS COMPLIANT

ELECTRICAL CHARACTERISTICS@25°C

1. OCL : (@100kHz, 0.1V) : 120uH MIN. with 30mA DC Bias
2. DCR : 1.0Ω MAX.
3. TURNS RATIO : 1CT : 1CT ±5%
4. INSERTION LOSS : 1-50MHz : -0.5dB MAX.
50-125MHz : -1.0dB MAX.
125-200MHz : -2.0dB MAX.
5. RETURN LOSS : 1-40MHz : -20dB MIN.
40-100MHz : -16dB MIN.
100-150MHz : -12dB MIN.
150-200MHz : -8dB MIN.
6. CROSS TALK : 1-125MHz : -30dB MIN.
7. COMMON MODE REJECTION : (@1-200MHz) : -30dB MIN.
8. ISOLATION HIPOT : (@4000VAC, 1mA, 2S)
9. COMPLIANT WITH IEEE 802.3bz & 802.3bt STANDARD
10. PoE applications current capability: 2A with two pairs(each 1A)
11. OPERATING TEMPERATURE : -40°C TO +85°C
12. STORAGE TEMPERATURE : -40°C TO 105°C

								TITLE	
								2.5 BASE-T PoE TRANSFORMER	
								DWG. NO. ATPL-595TPR	
	RELEASE	09/19/2023	SHIRLEY	BETTY	BETTY	UNITS: M/M		SAFETY	
NO:	DESCRIPTION	DATE	BY	CHK	APPD	DATE		P/N:	SHEET 1 of 1
REVISIONS						09/19/23		DRAW SHIRLEY	

Pb-free Soldering Heat Withstanding Survey

