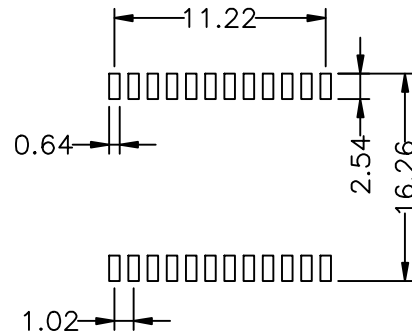
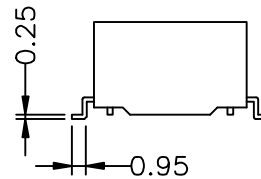
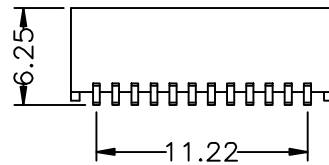
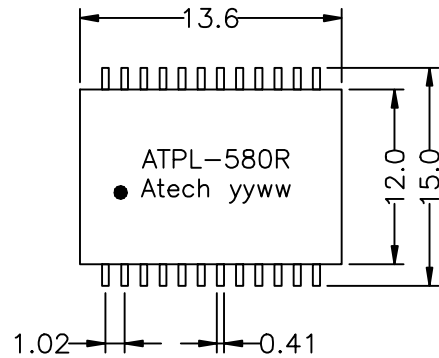
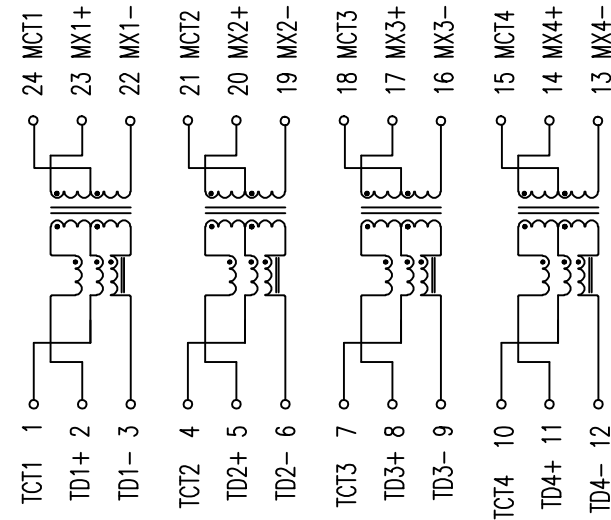




SUGGESTED PAD LAYOUT

UNLESS OTHERWISE SPECIFIED ALL TOLERANCES ARE $\pm 0.25\text{mm}$



* RoHS COMPLIANT

ELECTRICAL CHARACTERISTICS@25°C

1. OCL : (@100kHz, 0.1V) : 180uH MIN.
2. DCR : 1.2Ω MAX.
3. Lk (@100kHz, 0.2V) : 0.5uH MAX.
4. Cww (@100kHz, 0.2V) : 35pF MAX.
5. TURNS RATIO : 1CT : 1CT $\pm 5\%$
6. INSERTION LOSS : (@1-50MHz) : -0.5dB MAX.
(@50-125MHz) : -1.0dB MAX.
7. RETURN LOSS : (@1-40MHz) : -20dB MIN.
(@40-200MHz) : -20+15*Log10(f/40) dB MIN.
8. CROSS TALK : (@1-125MHz) : -39dB MIN.
9. CMR(dB TYP) : (@30-200MHz) : -30dB
CDMR(dB TYP) : (@10-125MHz) : -45+f/35dB
10. ISOLATION HIPOT : (@1500VAC, 1mA, 60S)
11. OPERATING TEMPERATURE : 0°C TO +70°C
12. STORAGE TEMPERATURE : -20°C TO +125°C

								TITLE 2.5G BASE-T TRANSFORMER	
								DWG. NO. ATPL-580R	
	RELEASE	05/10/2023	SHIRLEY	BETTY	BETTY	UNITS: M/M	SAFETY		SHEET 1 of 1
NO:	DESCRIPTION	DATE	BY	CHK	APPD	DATE	P/N:	DRAW SHIRLEY	
REVISIONS									

Pb-free Soldering Heat Withstanding Survey

