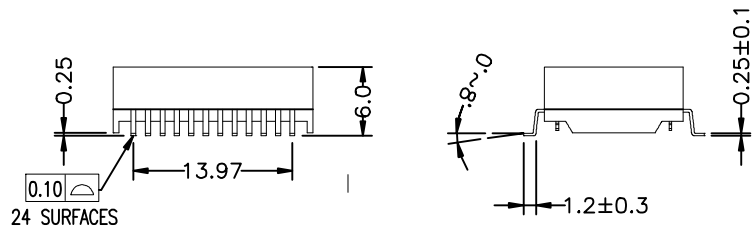
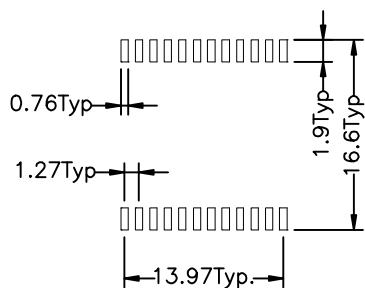


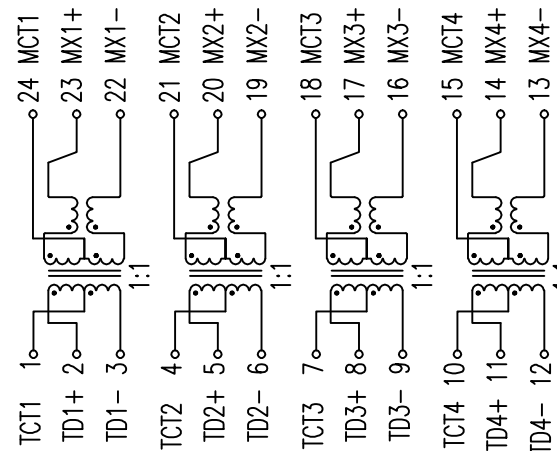
1.27±0.13 0.46



0.10
24 SURFACES



SUGGESTED PAD LAYOUT



ELECTRICAL CHARACTERISTICS @25°C:

- INSULATION HI-POT(PRI./SEC.) : 1500Vrms, 1mA, 60SEC
- TURN RATIO (±5%) : TX = 1CT : 1CT
RX = 1CT : 1CT
- OCL : 350uH MIN. @100kHz, 0.1V, 8mA DC BIAS
- INSERTION LOSS : 1-100MHz = -1.0dB MAX.
- RETURN LOSS (dB MIN.) : 1-30MHz 40MHz 50MHz 60-80MHz 80-100MHz
-18 -14.4 -13.1 -12 -10
- CROSS TALK : 1MHz = -50dB MIN.
10-100MHz = -55+22*log(f/10)dB MIN.
- COMMON MODE REJECTION : 2MHz = -50dB MIN.
30-200MHz = -15+20*log(f/200)dB MIN.
- DCR : 1.4Ω MAX.
- OPERATING TEMPERATURE RANGE : -40°C~+105°C
- RoHS COMPLIANT

UNLESS OTHERWISE SPECIFIED ALL TOLERANCES ARE ±0.25mm

							TITLE	
							10/100/1000 BASE-T TRANSFORMER	
							DWG. NO.	
							ATPL-107ATR1	
RELEASE		04/24/2018	SHIRLEY	BETTY	BETTY	UNITS:	SAFETY	
						M/M		SHEET 1 of 1
NO:	DESCRIPTION	DATE	BY	CHK	APPD	DATE	P/N:	DRAW
REVISIONS						04/24/18		SHIRLEY