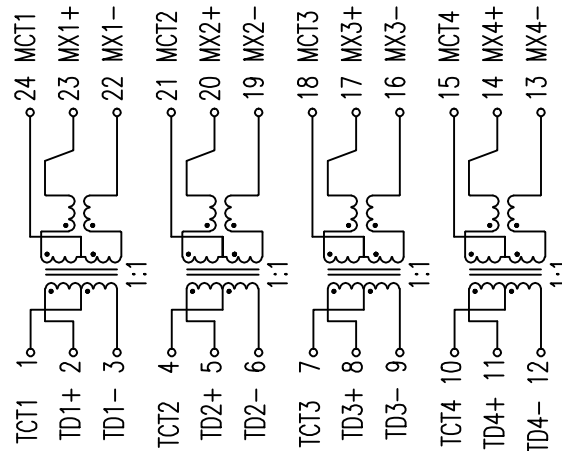


SUGGESTED PAD LAYOUT



* RoHS COMPLIANT

ELECTRICAL CHARACTERISTICS :

1. INSULATION HI-POT(PRI./SEC.) : 1500Vrms
2. TURN RATIO ($\pm 5\%$) : TX = 1CT : 1CT
RX = 1CT : 1CT
3. OCL : 350uH MIN. 100KHz/0.1V AT 8mA DC BIAS
- △ 4. CROSS TALK (dB MIN.) : 1-100MHz = -30dB MIN.
- △ 5. INSERTION LOSS (1MHz-100MHz) : -1.1dB MAX.
- △ 6. RETURN LOSS (dB MIN. @100Ω) :

1-30MHz	40MHz	50MHz	60-80MHz	100MHz
-18	-14.4	-13.1	-12	-10
- △ 7. DIFFERENTIAL TO COMMON MODE REJECTION (dB MIN.) :
1-100MHz = -30dB MIN.
8. OPERATING TEMPERATURE RANGE : -40°C ~ +85°C

						AOEM	TITLE 100/1000 BASE-T TRANSFORMER	
							DWG. NO. ATPL-107ATR	
A	CHANGE ELECTRICAL CHARACTERISTICS	11/01/2016	SHIRLEY	BETTY	BETTY	UNITS: M/M	SAFETY	SHEET 1 of 1
	RELEASE	10/31/2016	SHIRLEY	BETTY	BETTY			
NO:	DESCRIPTION	DATE	BY	CHK	APPD	DATE	P/N:	DRAW
REVISIONS						10/31/16		SHIRLEY