



SUGGESTED PAD LAYOUT

\* RoHS COMPLIANT

ELECTRICAL CHARACTERISTICS :

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

1-30MHz	40MHz	50MHz	60-80MHz	100MHz
-18	-14.4	-13.1	-12	-10
- DIFFERENTIAL TO COMMON MODE REJECTION (dB MIN.) :  
1-100MHz = -30dB MIN.
- Operating Temperature Range : -40°C ~ +85°C

UNLESS OTHERWISE SPECIFIED ALL TOLERANCES ARE ±0.25mm

							TITLE		SINGLE	
							DWG. NO.		1000 BASE-T	
					UNITS:		SAFETY		SHEET 1 of 1	
					M/M				DRAW	
NO: DESCRIPTION					DATE		P/N:		DRAW	
REVISIONS					09/21/18				SHIRLEY	