

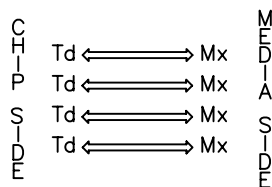
ELECTRICAL CHARACTERISTICS AT +25°C UNLESS OTHER SPECIFIED

MEETS IEEE 802.3 SPECIFICATION

PARAMETER	SPECIFICATIONS		
OPERATING TEMP	0°C – 70 °C		
TURNS RATIO	1 : 1 ±2%		
POLARITY	PER SCHEMATIC		
OCL, TRANSMIT CHANNEL	350 uH MIN. WITH 8mA DC BIAS, –0 TO 70 °C		
INSERTION LOSS	100 KHz	1–100 MHz	125 MHz
	–1.2 dB MAX	–1.0 dB MAX	–3.0 dB MAX
RETURN LOSS (Z OUT = 100 OHM ±15%)	1–40 MHz		40–100 MHz
	–16 dB MIN	–18 dB MIN (ZOUT=100 OHMS)	–10+20*LOG <sub>10</sub> (f/80) dB MIN
CROSSTALK (TX–RX)	1 MHz	30–100 MHz	
	–50 dB MIN	–55+24*LOG <sub>10</sub> (f/10) dB MIN	
DIFFERENTIAL TO COMMON MODE REJECTION	2 MHz	30–100 MHz	
	–50 dB MIN	–43+22*LOG <sub>10</sub> (f/30) dB MIN	
INPUT – OUTPUT ISOLATION	1500 VRMS @ 60 SECONDS		

NOTE: f IS FREQUENCY IN MHZ.

LEGEND

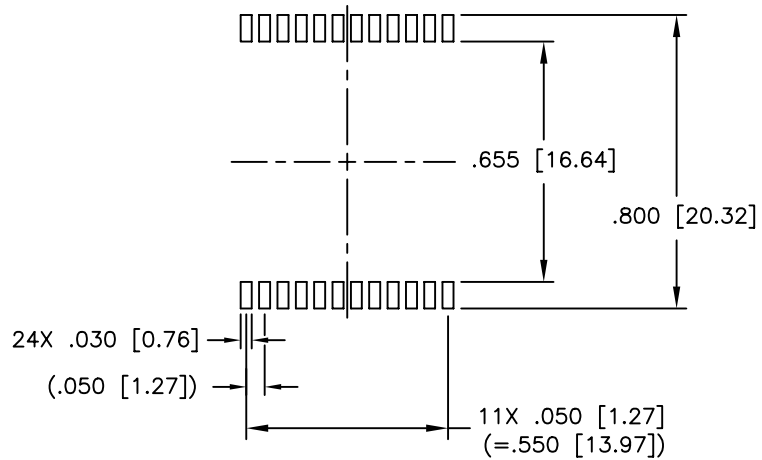
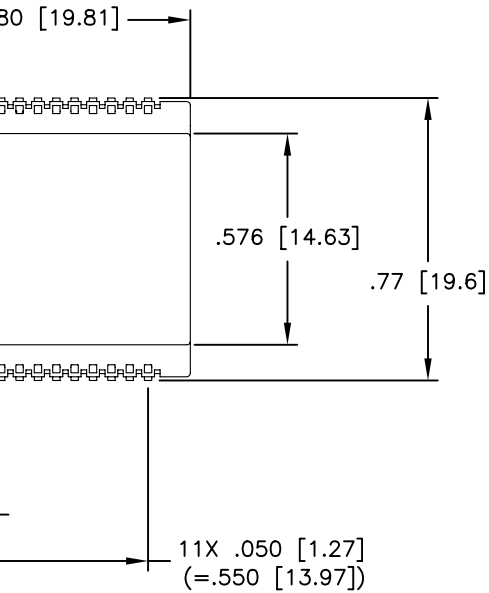


ALL CHANNELS ARE  
IN PHASE BETWEEN  
INPUT AND OUTPUT

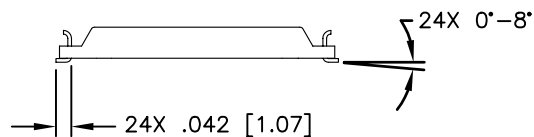
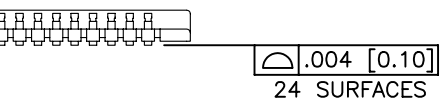
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SUGGESTED LAND PATTERN



WITH THE FOLLOWING  
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