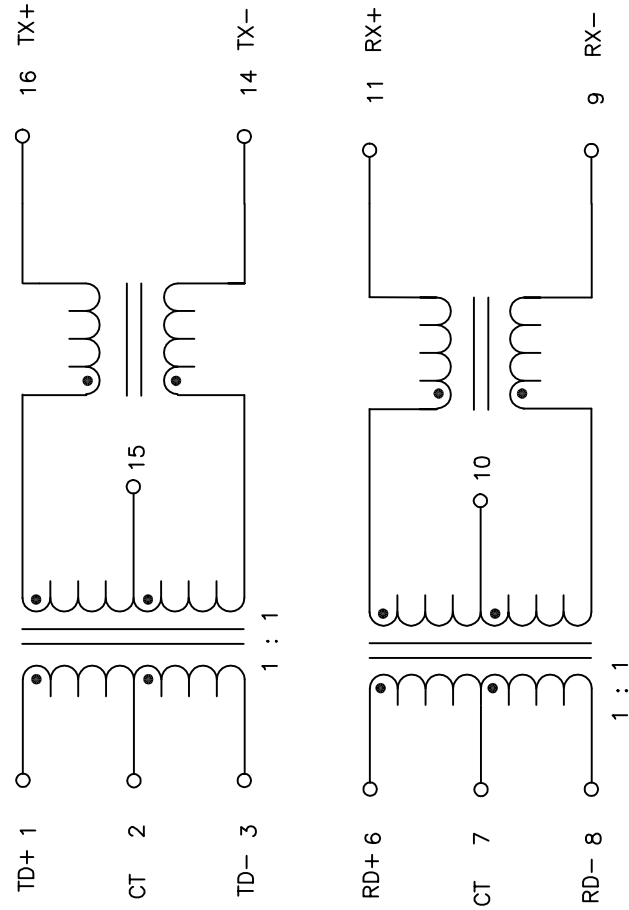


ELECTRICAL CHARACTERISTICS AT +25°C UNLESS OTHER SPECIFIED
 MEETS IEEE 802.3 SPECIFICATION

PARAMETER	SPECIFICATIONS		
OPERATING TEMP	-40°C ~ +85°C		
POLARITY	PER SCHEMATIC		
URNS RATIO	1 : 1 ± 2%		
INSERTION LOSS	100 KHz		
	-1.2 dB MAX		
RETURN LOSS (Z OUT = 100 OHM ±15%)	1-30 MHz	30-60 MHz	60-80 MHz
	-16 dB MIN	-10+20*LOG ₁₀ (f/60 MHz) dB MIN	-10 dB MIN
	INDUCTANCE (OCL) (MEDIA SIDE, 0°C-70°C)		
400 uH MIN (MEASURED AT 100 KHz, 100 mVRMS)			
INDUCTANCE (OCL) (MEDIA SIDE, -40°C TO +85°C)			
350 uH MIN (MEASURED AT 100 KHz, 100 mVRMS)			
CROSSTALK, ADJACENT CHANNELS	1 MHz	10-100 MHz	
	-50 dB MIN	-55+22*LOG ₁₀ (f/10) dB MIN	
COMMON MODE REJECTION RATIO	2 MHz	30-200 MHz	
	-50 dB MIN	-15+20*LOG ₁₀ (f/200) dB MIN	
DC RESISTANCE, 1/2 WINDING	.65 OHMS MAX		
DC RESISTANCE IMBALANCE	±.065 OHMS MAX (CENTER TAP SYMMETRY)		
INPUT - OUTPUT ISOLATION	1500 VRMS MIN @ 60 SECONDS		

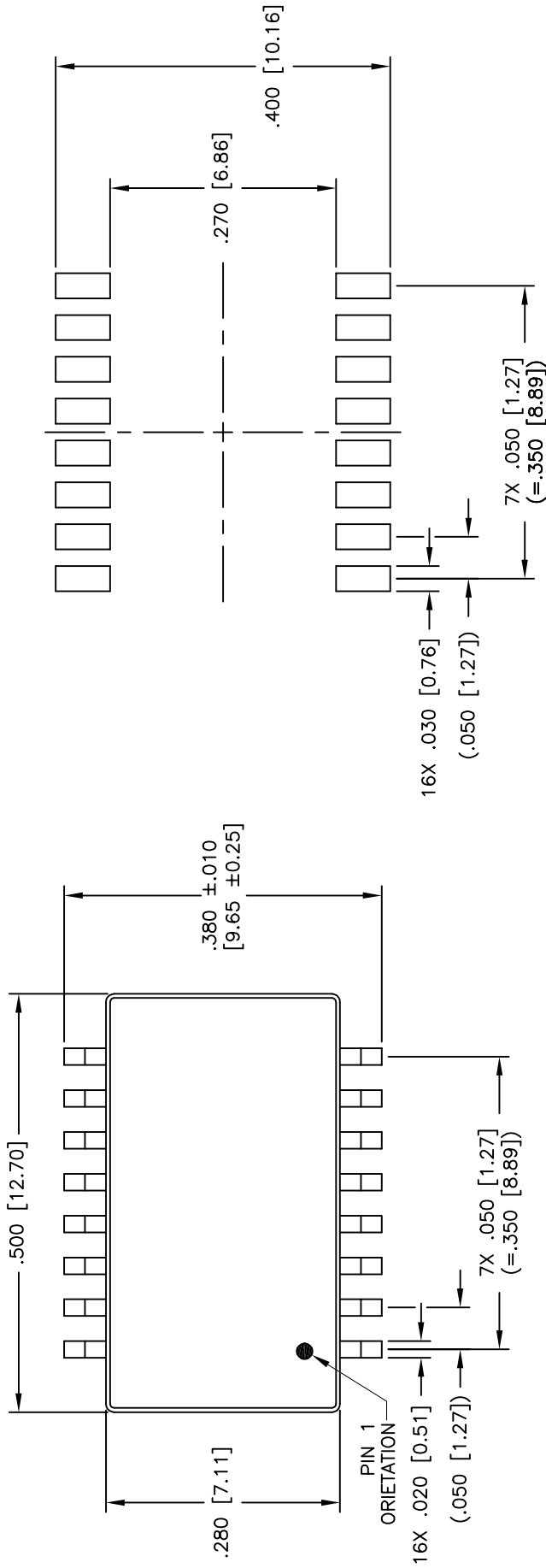
NOTE: f IS FREQUENCY IN MHZ.



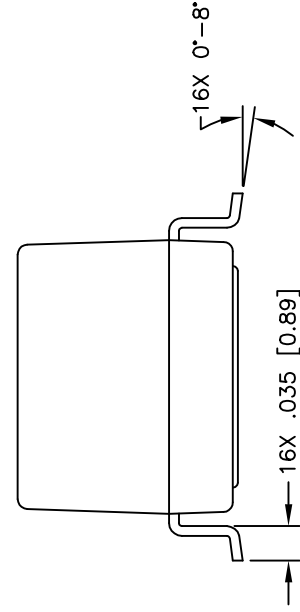
SCHEMATIC

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
MDL,SIN,100D,1:1,SMT	HX1260NL-13	PS-2005.001-F	2 OF 3	HX1260NL	A



SUGGESTED LAND PATTERN



DIMENSIONS ARE IN INCHES [MILLIMETERS] WITH THE FOLLOWING TOLERANCES: [MILLIMETERS] ARE FOR REFERENCE ONLY.
 .XX = ±.01 [±0.25]
 .XXX = ±.005 [±0.13]

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
MDL,SIN,100D,1:1,SMT	HX1260NL-13	PS-2005.001-F	3 OF 3	HX1260NL	A