

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

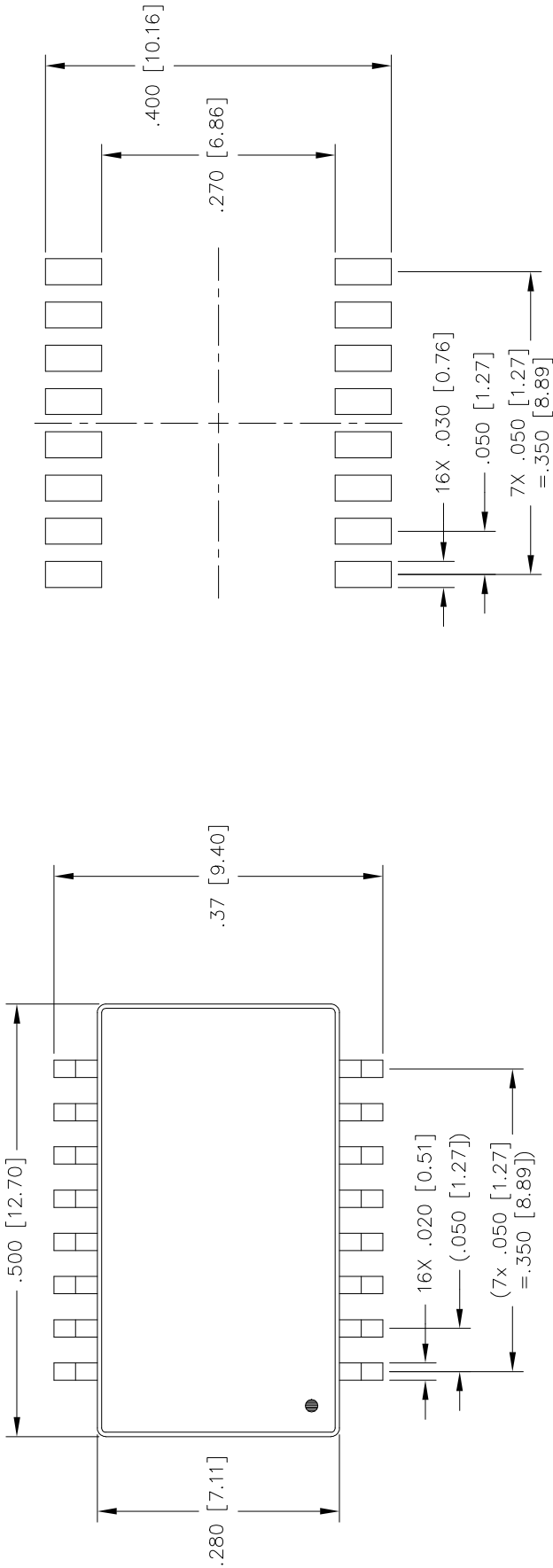
PARAMETER	SPECIFICATIONS	
OPERATING TEMP	-40°C TO +85°C	
URNS RATIO	1 : 1 ±2%	
POLARITY	PER SCHEMATIC	
△ INDUCTANCE (OCL) (16-14) = (11-9) (MEDIA SIDE, -40°C~+85°C)	350 uH MIN	(MEASURED AT 100 KHz, 100 mVRMS) (AND WITH 8 mA DC BIAS)
△ INSERTION LOSS	1-100 MHz	125 MHz
	-1.0 dB MAX	-3.0 dB MAX
RETURN LOSS Z _{OUT} = 100 OHMS	5 MHz	30-80 MHz
	-18 dB MIN	-16 + 20LOG ₁₀ (f/30 MHz) dB MIN
CROSSTALK (TX-RX)	1 MHz	5-100 MHz
	-62 dB MIN	-45 + 21LOG ₁₀ (f/30 MHz) dB MIN
DIFFERENTIAL TO COMMON MODE REJECTION	5-200 MHz	
	-50 + 17LOG ₁₀ (f/5 MHz) dB MIN	
△ INPUT - OUTPUT ISOLATION	1500 VRMS FOR 60 SECONDS	

NOTE: 1. f IS FREQUENCY IN MHz.
2. "△" IS SPECIAL CHARACTERISTIC.

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
MDL,SIN,100D,1:1,SM,TU	HX1188NL-17	PS-2005.001-G	2 OF 4	HX1188NL	H

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SUGGESTED LAND PATTERN



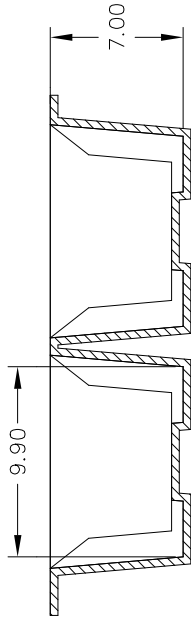
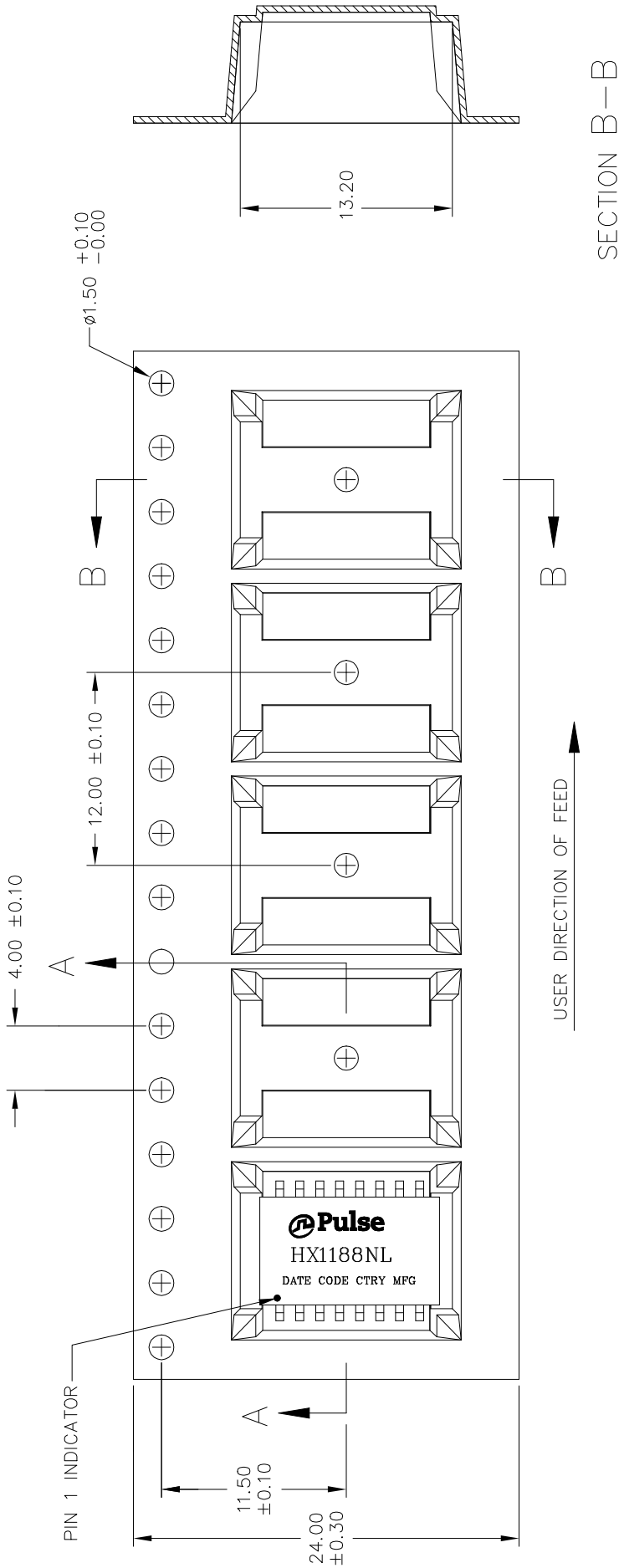
DIMENSIONS ARE IN INCHES [MILLIMETERS] WITH THE FOLLOWING TOLERANCES: [MILLIMETERS] ARE FOR REFERENCE ONLY.
.XX= ±.01 [±0.25]
.XXX= ±.005 [±0.13]

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NOTE: PACK 600 PIECES PER REEL



SECTION A—A

DIMENSIONS ARE IN MM WITH THE FOLLOWING TOLERANCES: ±0.10

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