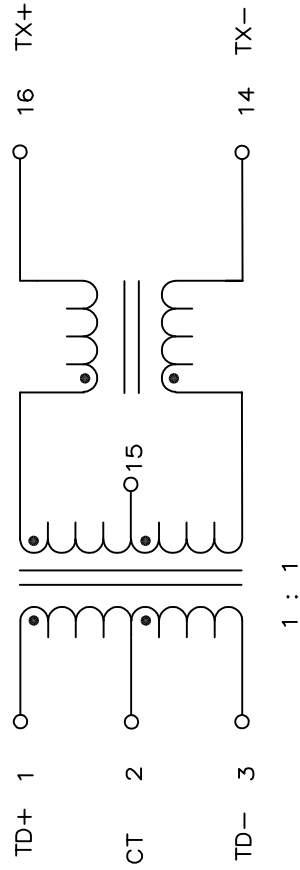
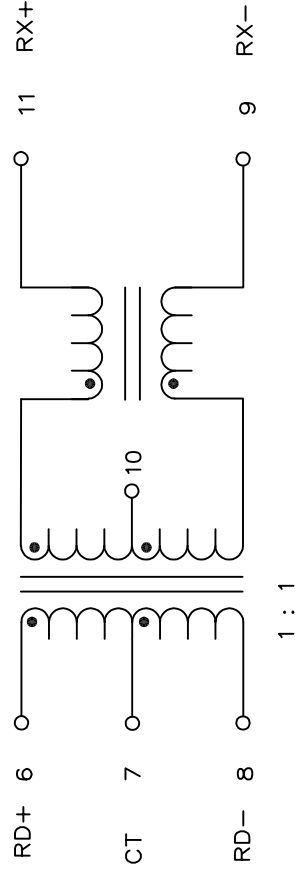


TRANSMIT



RECEIVE



SCHEMATIC

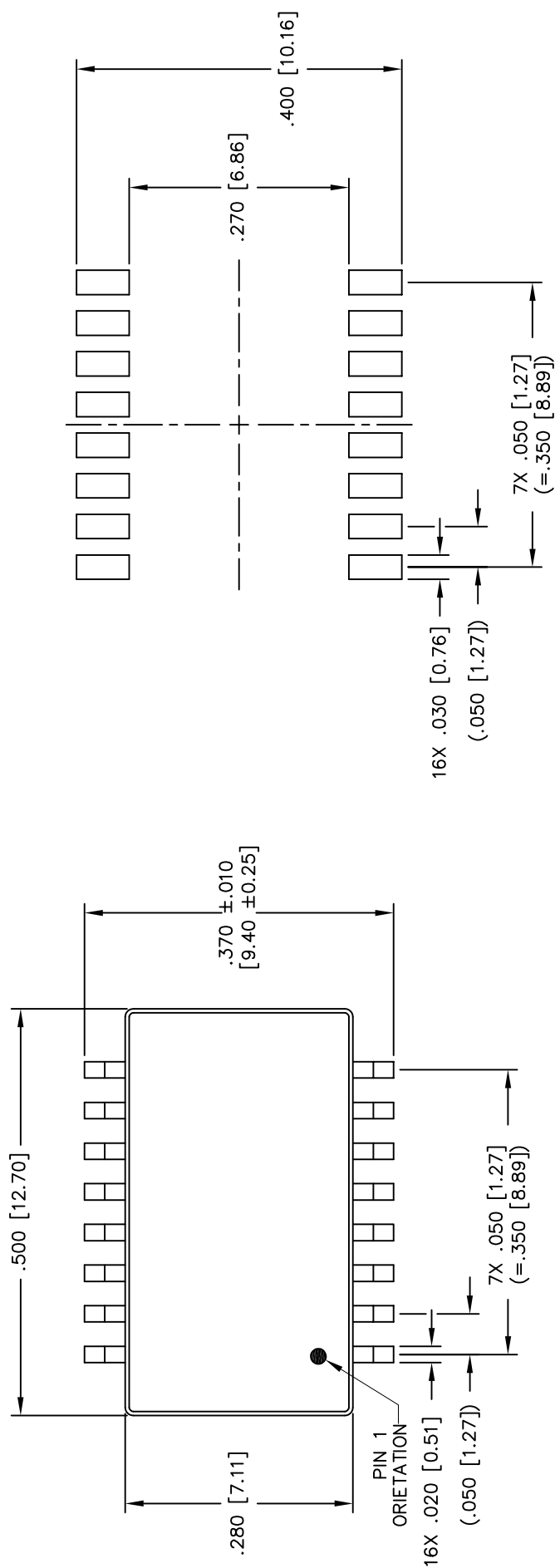
ELECTRICAL CHARACTERISTICS AT +25°C UNLESS OTHER SPECIFIED
MEETS IEEE 802.3 SPECIFICATION

PARAMETER	SPECIFICATIONS	
OPERATING TEMP	0°C – 70 °C	
URNS RATIO	1 : 1 ±2%	
POLARITY	PER SCHEMATIC	
INSERTION LOSS	100 KHz	1–125 MHz
	–1.2 dB MAX	–0.2–0.002*f ^{1.4} dB MAX
	.1–30 MHz	30–60 MHz
RETURN LOSS, 100BT (Z OUT = 100 OHM ±15%)	–16 dB MIN	–10+20*LOG ₁₀ (f/60 MHz) dB MIN
INDUCTANCE (OCL) (MEDIA SIDE, 0°C–70°C)	350 uH MIN	(MEASURED AT 100 KHz, 100 mVRMS) AND WITH 8 mA DC BIAS
	1 MHz	10–100 MHz
	–50 dB MIN	–55+22*LOG ₁₀ (f/10) dB MIN
CROSSTALK, ADJACENT CHANNELS	2 MHz	30–200 MHz
COMMON MODE REJECTION RATIO	–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	

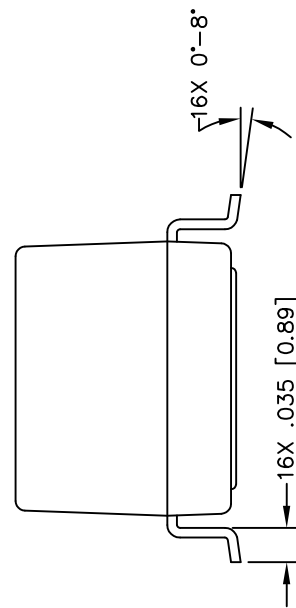
NOTE: f IS FREQUENCY IN MHZ.

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
MLD,SGL,100BT,1:1,OH,SMG	H1260NL–22	PS–2005.001–F	2 OF 3	H1260NL	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.
MLD,SGL,100BT,1:1,OH,SMG	H1260NL-22	PS-2005.001-F	3 OF 3	H1260NL	A
E-MAIL:PRODINFONETWORK@PULSEELECTRONICS.COM(US). ASIA@PUI SF FCTRONICS.COM(Asia) PHONE:USA:858 674 8100, GERMANY:49 7032 78060, SINGAPORE:65 6287 8998, SHANGHAI:86 21 62787060, TAIWAN:886 3 4356768					