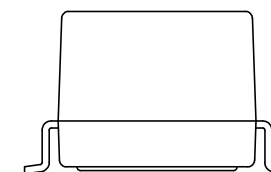
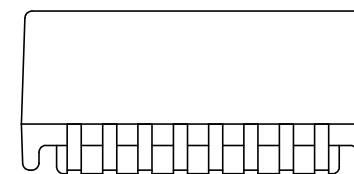
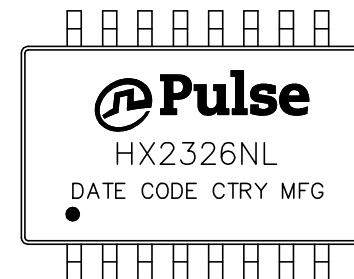




NOTES:

1. ROHS COMPLIANT
2. HEADER: THERMOSET PLASTIC MATERIAL WITH FLAMMABILITY RATING UL 94V-0 OR BETTER.
3. STORAGE TEMPERATURE: -50°C TO +125°C
4. COMPLIANCE TO J-STD:
 - A. J-STD-002: SOLDERABILITY AT 245°C REFLOW PROFILE
 - B. J-STD-020: LEVEL 1, NO MOISTURE SENSITIVE
 - C. J-STD-075: R7, 245°C MAXIMUM THROUGH REFLOW SOLDER
5. TO ORDER TAPE & REEL PACKAGING ADD A "T" SUFFIX TO THE PART NUMBER(i.e HX2326NL BECOMES HX2326NLT).



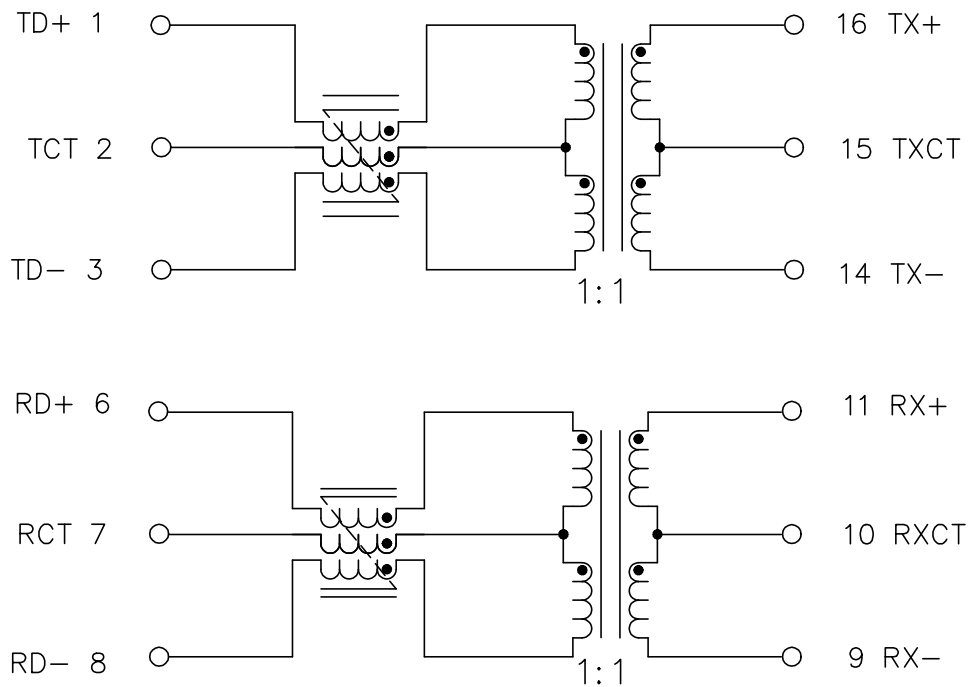
FINAL OUTLINE

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
MDL,SIN,100PP,1:1,SMT	HX2326NL-12	PS-2005.001-G	1 OF 3	HX2326NL	B



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



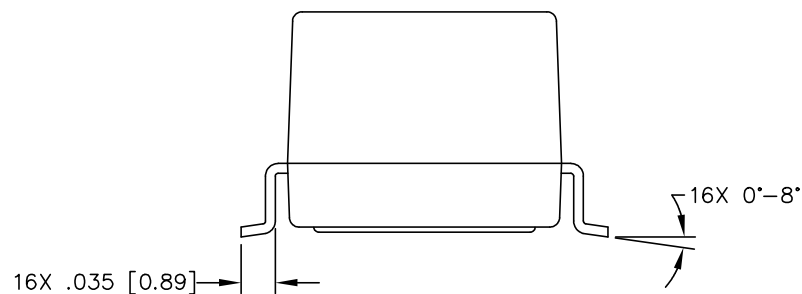
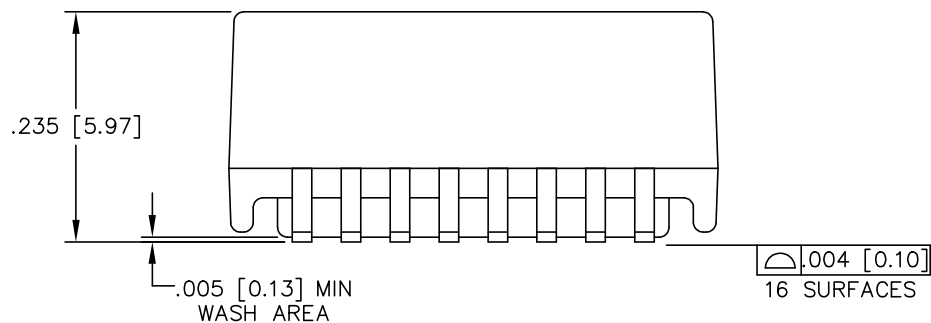
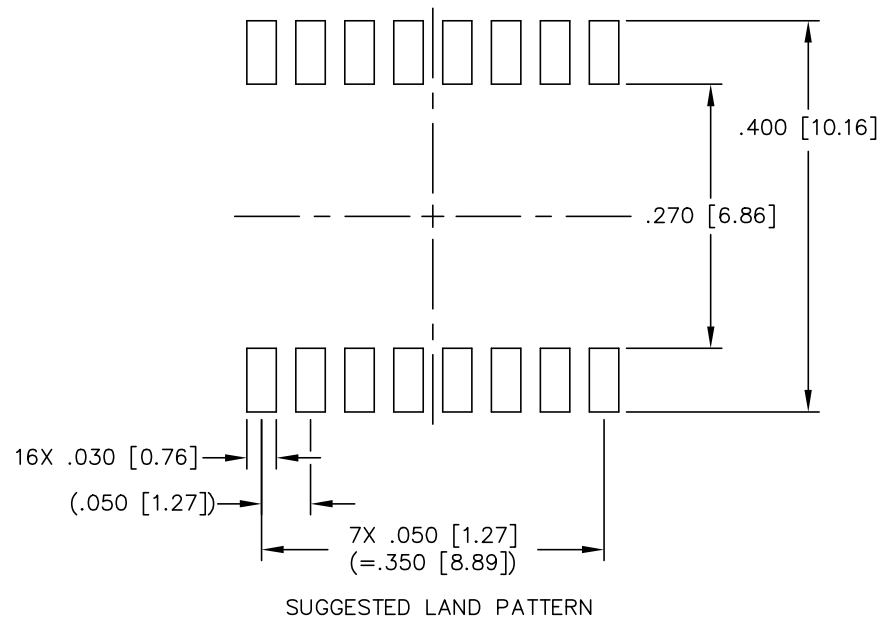
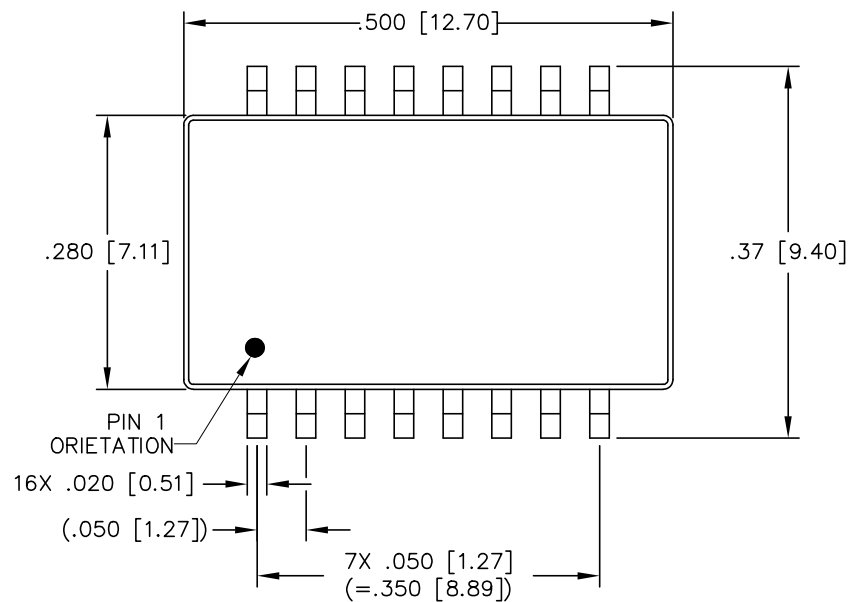
SCHEMATIC

PARAMETER	SPECIFICATIONS		
OPERATING TEMP	−40°C TO +85°C		
URNS RATIO	1.00 ± 2%		
POLARITY	PER SCHEMATIC		
INSERTION LOSS	100 KHz	1–125 MHz	
	−1.2 dB MAX	−0.2−0.002*f ^{1.4} dB MAX	
RETURN LOSS, 1000BT (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, AT 100KHz, 0.1Vac −40°C ~ +85°C)	350 uH MIN WITH 8mA DC BIAS 120 uH MIN WITH 19mA DC BIAS		
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	
	−45 dB MIN	−7+28*LOG ₁₀ (f/200) dB MIN	
DC RESISTANCE, 1/2 WINDING	.75 OHMS MAX		
DC RESISTANCE IMBALANCE	±.065 OHMS MAX (CENTER TAP SYMMETRY)		
DC CURRENT/VOLTAGE RATING – PSE PINS	600 mA, @ 57 V (CONTINUOUS)		
INPUT – OUTPUT ISOLATION	1500 VRMS MIN AT 60 SECONDS		

NOTES: f IS FREQUENCY IN MHz.

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MDL,SIN,100PP,1:1,SMT	HX2326NL-12	PS-2005.001-G	2 OF 3	HX2326NL	B



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,100PP,1:1,SMT	HX2326NL-12	PS-2005.001-G	3 OF 3	HX2326NL	B

Mouser Electronics

Authorized Distributor

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