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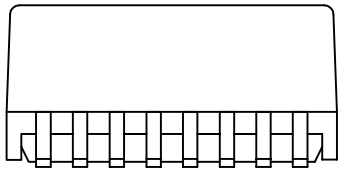
RoHS COMPLIANT

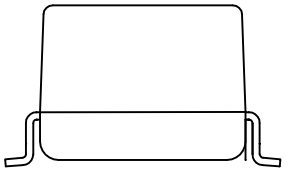
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NOTES:

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 HX1324NL BECOMES HX1324NLT).







FINAL OUTLINE

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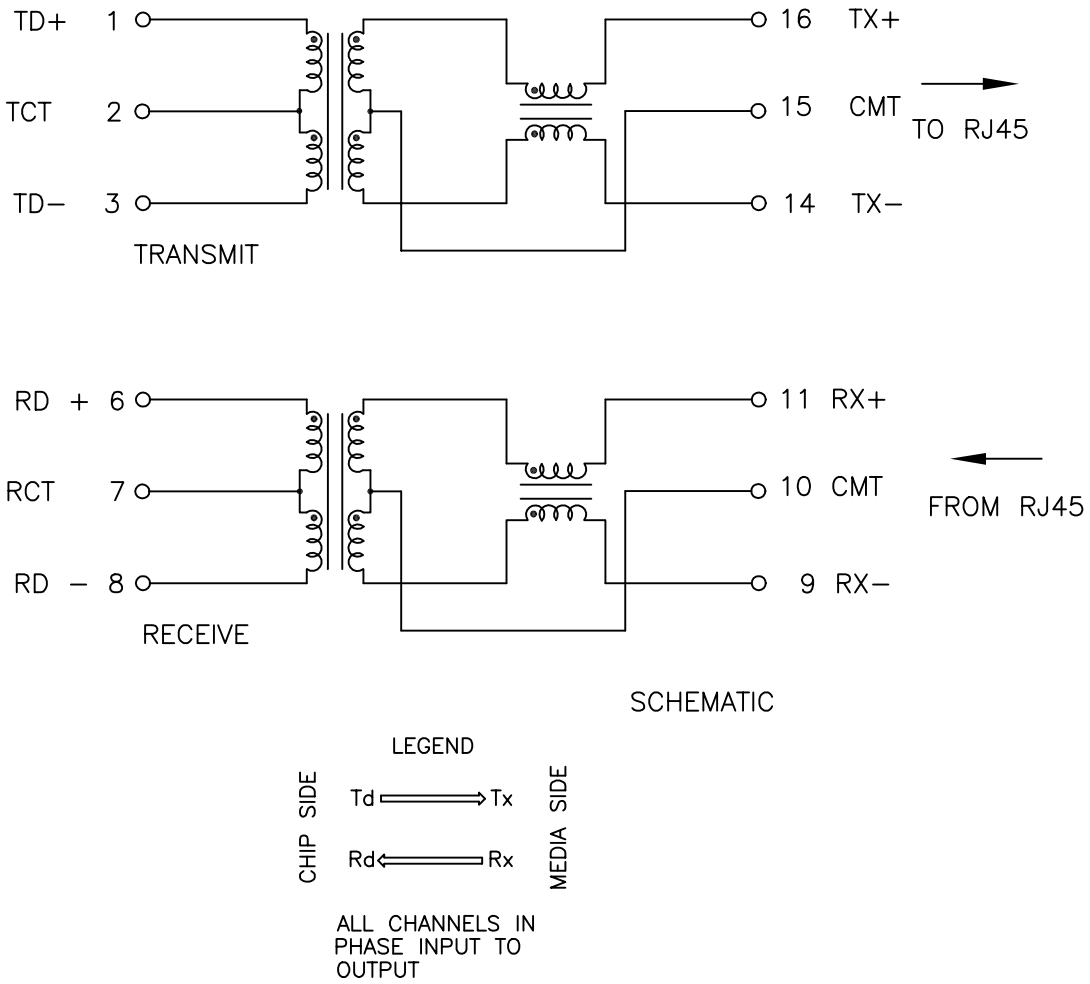
PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
MDL,SIN,100D,1:1,SM,OH	HX1324NL-12	PS-2400.001-B	1 OF 3	HX1324NL	A

E-MAIL: PRODINFONETWORK@PULSEELECTRONICS.COM(US), ASIA@PULSEELECTRONICS.COM(Asia) PHONE: USA:858 674 8100, GERMANY:49 7032 78060, SINGAPORE:65 6287 8998, SHANGHAI:86 21 62787060, TAIWAN:886 3 4356768

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RoHS COMPLIANT

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SCHEMATIC

ALL CHANNELS IN PHASE INPUT TO OUTPUT

ELECTRICAL CHARACTERISTICS AT +25°C UNLESS OTHER SPECIFIED

MEETS IEEE 802.3 SPECIFICATION

PARAMETER	SPECIFICATIONS	
OPERATING TEMP	−40°C ~ +85 °C	
TURNS RATIO	1 : 1 ±2%	
POLARITY	PER SCHEMATIC	
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	$-16 + 26\log_{10}(f/30\ \text{MHz})$ dB MIN
CROSSTALK (TX−RX)	1 MHz	5−100 MHz
	−62 dB MIN	$-45 + 21\log_{10}(f/30\ \text{MHz})$ dB MIN
DIFFERENTIAL TO COMMON MODE REJECTION	5−200 MHz	
	$-50 + 17\log_{10}(f/5\ \text{MHz})$ dB MIN	
ISOLATION (INPUT − OUTPUT)	VOLTAGE	TIME
	1650 VRMS	6 SECONDS MAX

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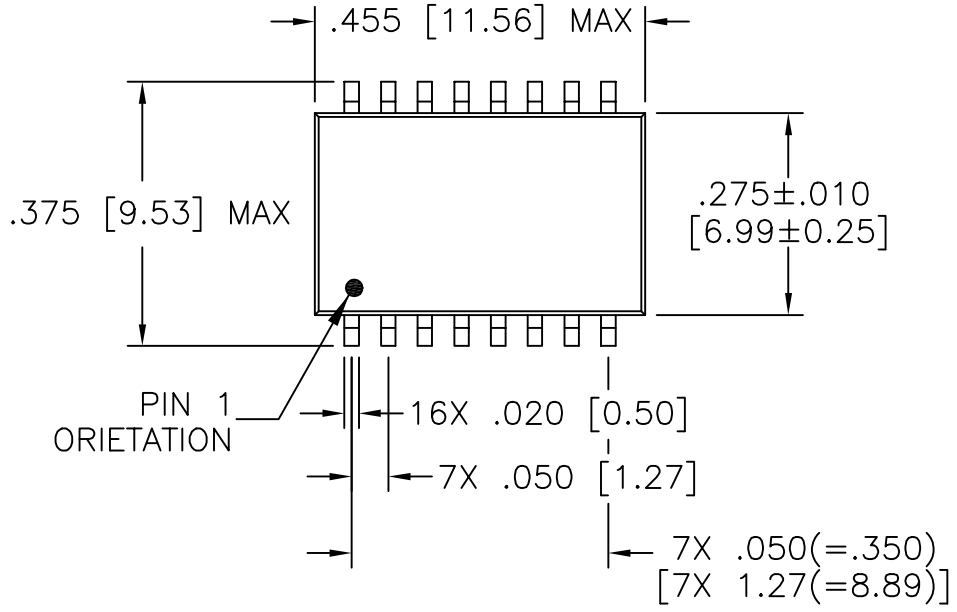
PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
MDL,SIN,100D,1:1,SM,OH	HX1324NL−12	PS−2400.001−B	2 OF 3	HX1324NL	A

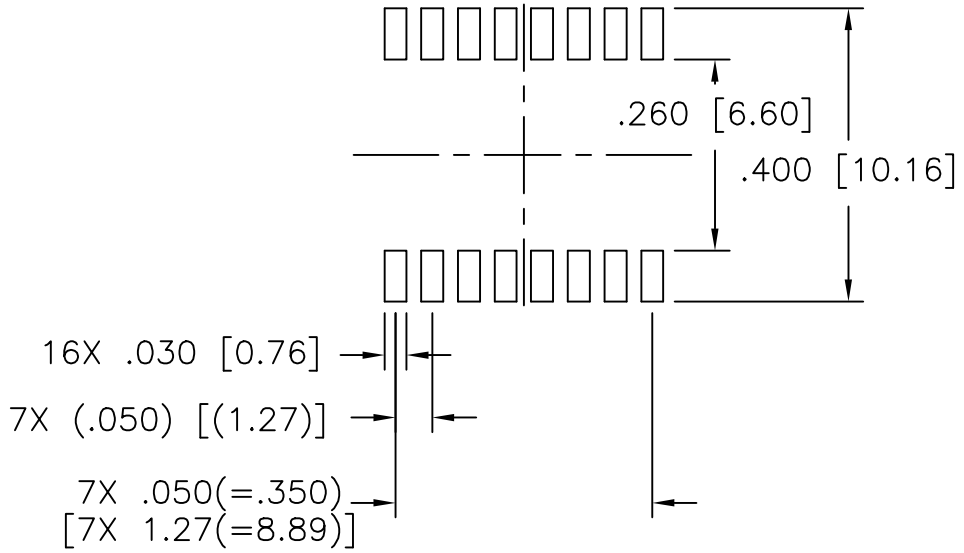
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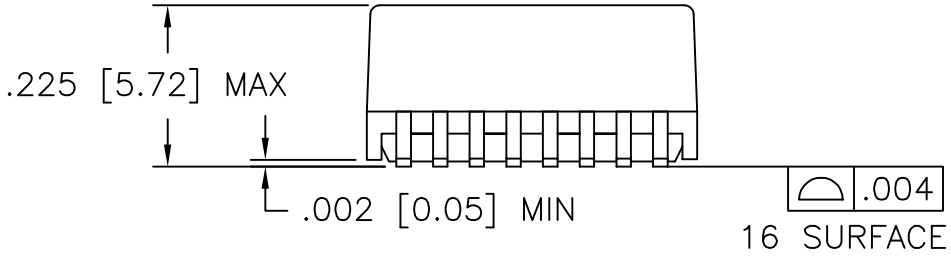
RoHS COMPLIANT

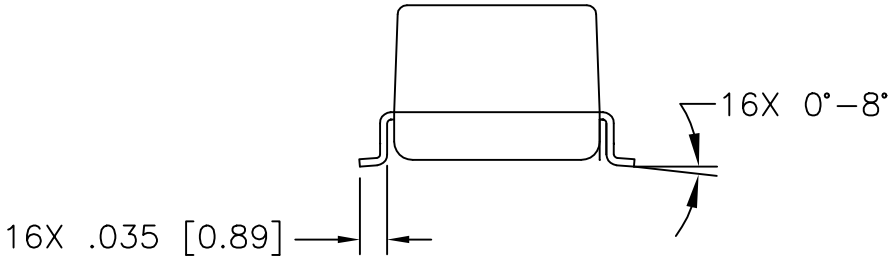
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SUGGESTED LAND PATTERN





DIMENSIONS ARE IN INCHES [MILLIMETERS] WITH THE FOLLOWING
TOLERANCES: [MILLIMETERS] ARE FOR REFERENCE ONLY.
.XX= ±.02 [±0.5]
.XXX= ±.010 [±0.25]

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
MDL,SIN,100D,1:1,SM,OH	HX1324NL–12	PS–2400.001–B	3 OF 3	HX1324NL	A

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