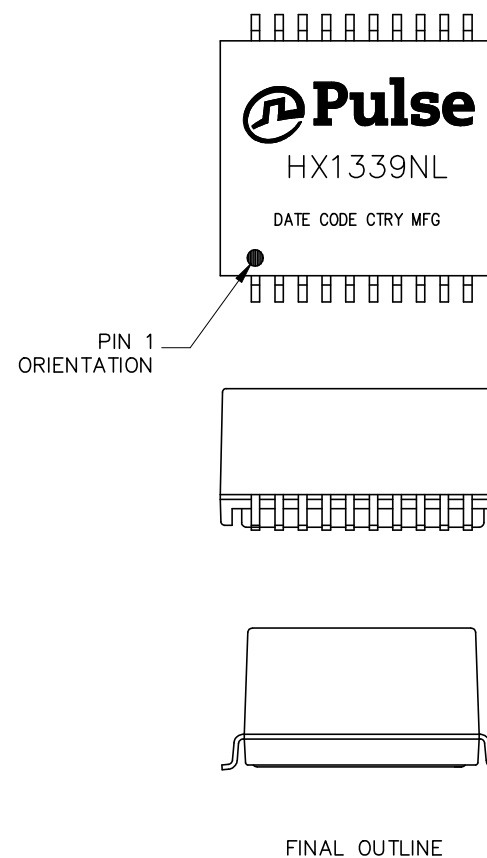




NOTES:

1. ROHS COMPLIANT
2. STORAGE TEMPERATURE: -50°C TO +125°C
3. 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
4. TO ORDER TAPE & REEL PACKAGING ADD A "T" SUFFIX
TO THE PART NUMBER(i.e HXXXXXXNL BECOMES HXXXXXXNLT).
5. PACKING SPECIFICATION:
REEL SIZE: 330 mm TAPE WIDTH: 24 mm
TAPE PITCH: 24mm
COMPONENTS PER REEL: 250 pcs

SUPPLEMENTARY INSULATION FOR A PRIMARY
CIRCUIT AS DEFINED BY IEC61010-1
MEET REINFORCE INSULATION BY EN60950
INSULATION CLASS A, 105°C.
WORKING VOLTAGE 500VAC,
OVERVOLTAGE CATEGORY IV
POLLUTION DEGREE 2
CREEPAGE DISTANCE >10MM
CLEARANCE DISTANCE >7MM

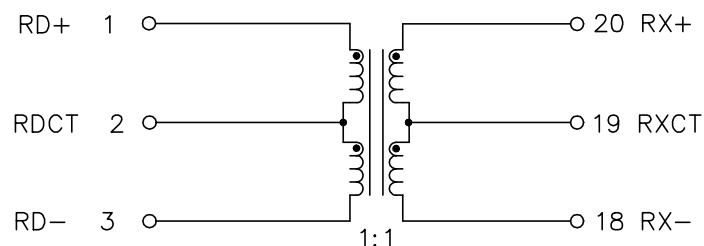


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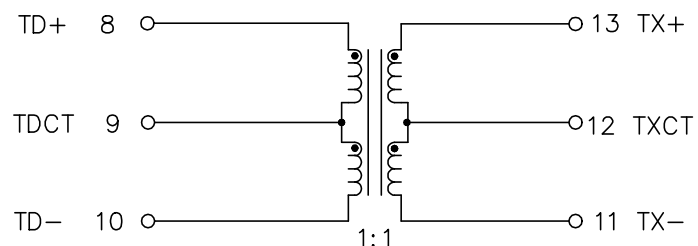
PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
MDL,SIN,100D,1: 1,SM,OH	HX1339NL-10	PS-0020.001-D	1 OF 4	HX1339NL	D



CHANNEL 1



CHANNEL 2



SCHEMATIC

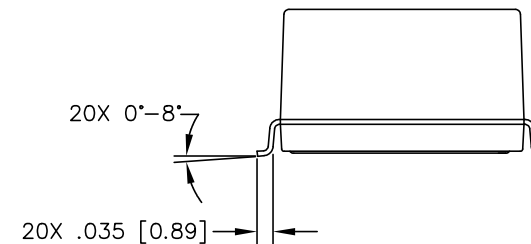
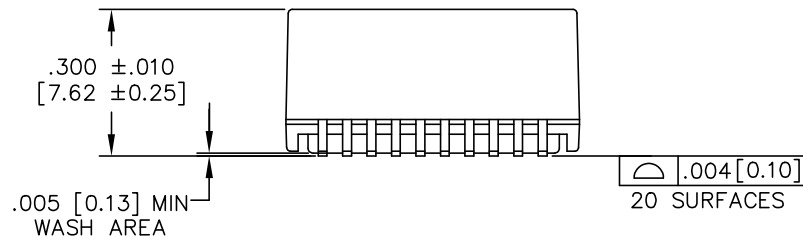
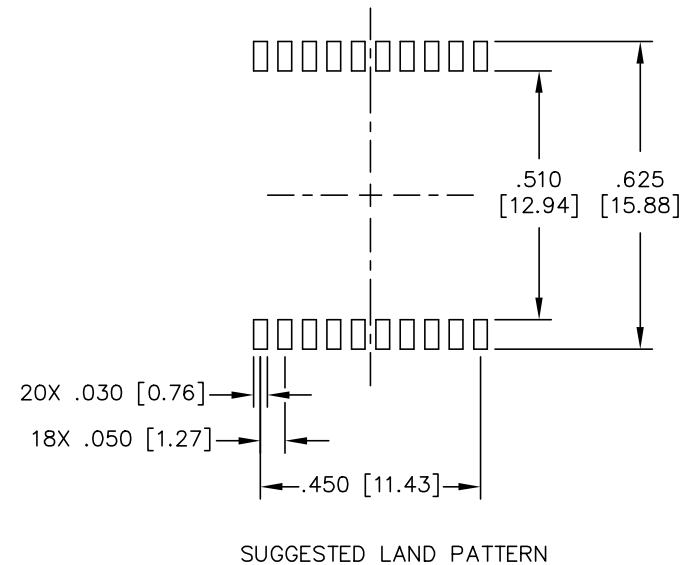
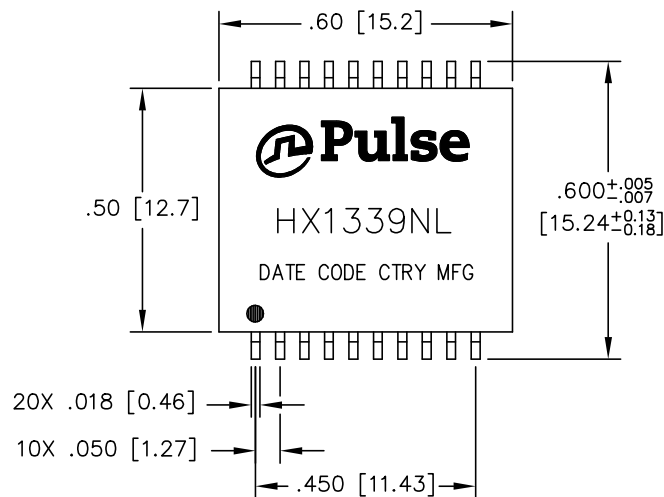
ELECTRICAL CHARACTERISTICS AT +25°C UNLESS OTHER SPECIFIED

MEETS IEEE 802.3 SPECIFICATION

PARAMETER	SPECIFICATIONS											
OPERATION TEMP	-40°C TO +85°C											
URNS RATIO	1 : 1 ±2%											
POLARITY	PER SCHEMATIC											
OCL, TRANSMIT CHANNEL -40 TO +85 °C	350 uH MIN. AT 100KHz, 0.1VRMS WITH 8mA DC BIAS											
INSERTION LOSS	0.1-30 MHz		60 MHz		80 MHz		100 MHz					
	-1.0 dB MAX		-2.0 dB MAX		-3.0 dB MAX		-4.0 dB MAX					
RETURN LOSS (Z OUT = 100 OHM ±15%)	5 MHz		30 MHz		50 MHz		60 MHz		80 MHz		100 MHz	
	-18 dB MIN		-9 dB MIN		-5.5 dB MIN		-4.5 dB MIN		-3 dB MIN		-2 dB MIN	
CROSSTALK (TX-RX)	1 MHz			30 MHz			60 MHz			100 MHz		
	-45 dB MIN			-30 dB MIN			-27 dB MIN			-25 dB MIN		
DIFFERENTIAL TO COMMON MODE REJECTION	30 MHz			60 MHz			100 MHz			200 MHz		
	-36 dB MIN			-32 dB MIN			-30 dB MIN			-25 dB MIN		
INPUT - OUTPUT ISOLATION	4500VAC FOR 60 SECONDS											

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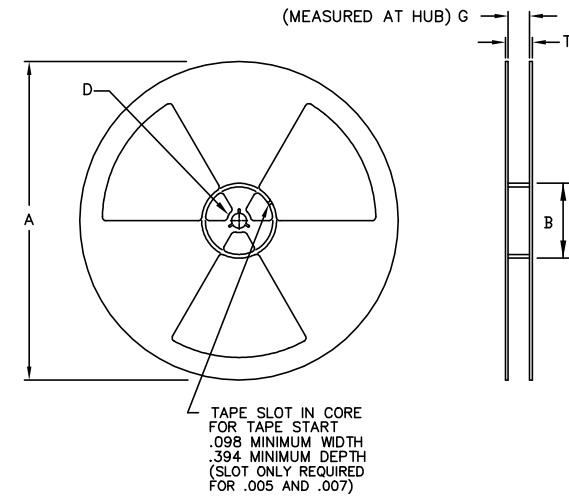
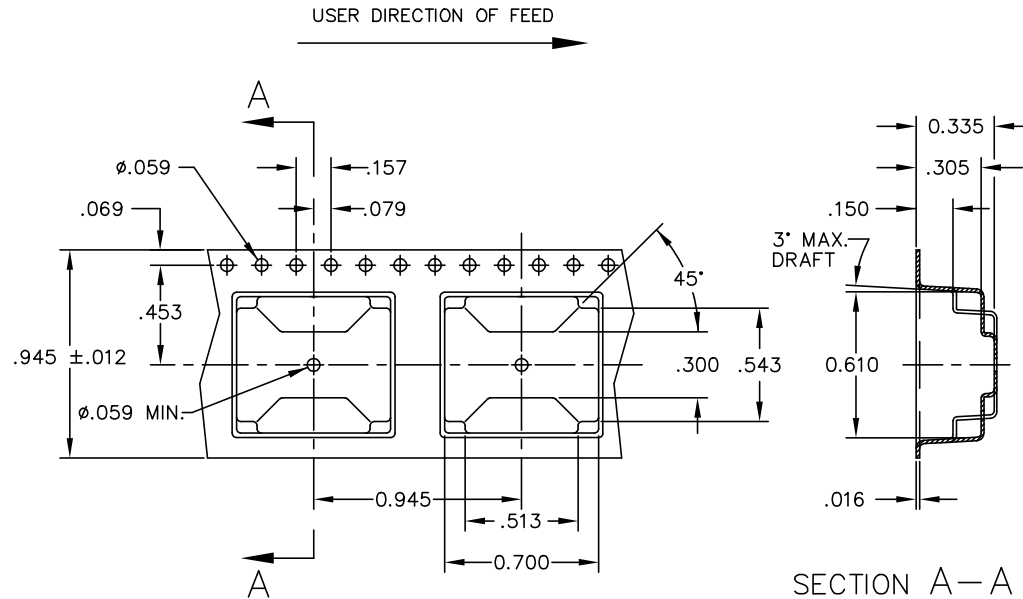
PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
MDL,SIN,100D,1:1,SM,OH	HX1339NL-10	PS-0020.001-D	2 OF 4	HX1339NL	D



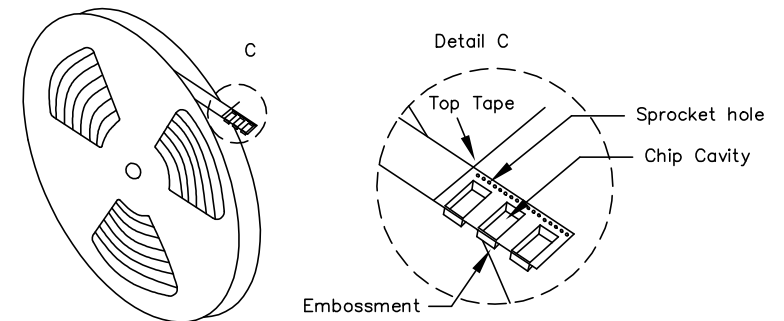
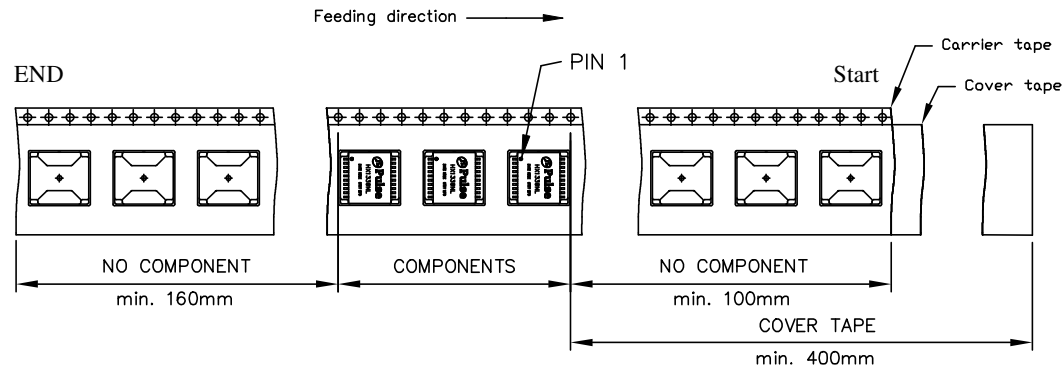
DIMENSIONS ARE IN INCH [MILLIMETERS] WITH THE FOLLOWING
TOLERANCES: [MILLIMETER] ARE FOR REFERENCE ONLY.
.XX= ±.01 [±0.25]
.XXX= ±.005 [±0.13]

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
MDL,SIN,100D,1:1,SM,OH	HX1339NL-10	PS-0020.001-D	3 OF 4	HX1339NL	D



	A	B	D	T	G	G
Tolerance		min.	min.	max.	min.	max.
Tape width mm	330.00	100.00	20.20	30.4	24.4	26.4



DIMENSIONS ARE IN MILLIMETERS WITH THE FOLLOWING TOLERANCES:
X.XX= ±0.10

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
MDL,SIN,100D,1:1,SM,OH	HX1339NL-10	PS-0020.001-D	4 OF 4	HX1339NL	D

Mouser Electronics

Authorized Distributor

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[HX1339NL](#)