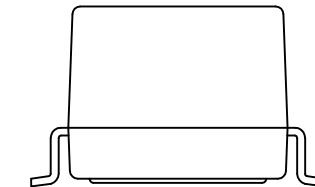
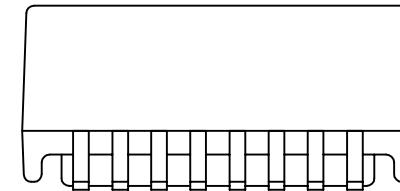


## NOTES:

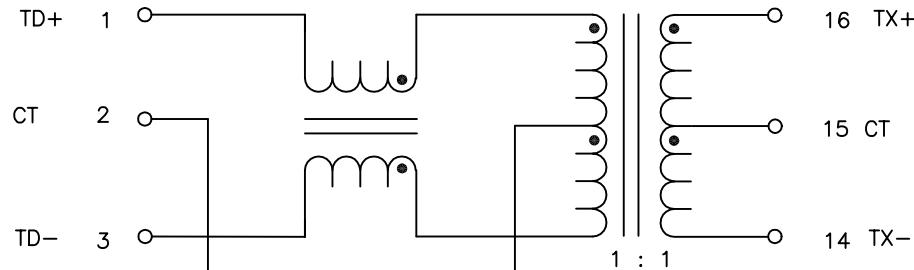
1. ROHS COMPLIANT
2. HEADER: THERMOSET PLASTIC MATERIAL WITH FLAMMABILITY RATING UL 94V-0 OR BETTER.
3. STORAGE TEMPERATURE: -20°C TO +125°C
4. COMPLIANCE TO J-STD:
  - A. J-STD-002: SOLDERABILITY AT 245°C REFLOW PROFILE
  - B. J-STD-020: LEVEL 1, NO MOISTURE SENSITIVE
  - C. J-STD-075: R7, 245°C MAXIMUM THROUGH REFLOW SOLDER
5. TO ORDER TAPE & REEL PACKAGING ADD A "T" SUFFIX  
TO THE PART NUMBER(i.e H2260NL BECOMES H2260NLT).



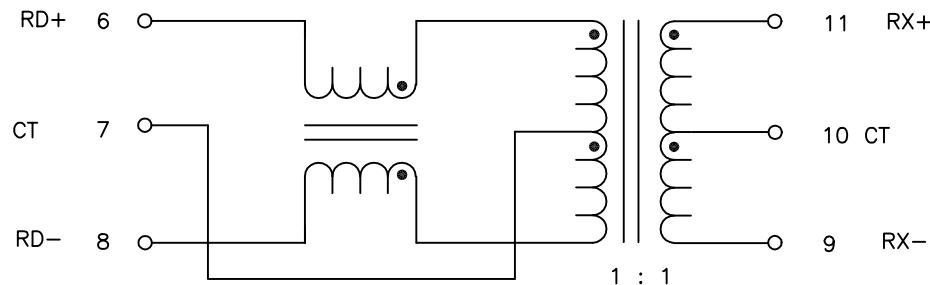
FINAL OUTLINE

PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
MDL,SIN,100P,1:1,SMT	H2260NL-13	PS-2005.001-F	1 OF 3	H2260NL	A

## TRANSMIT



## RECEIVE



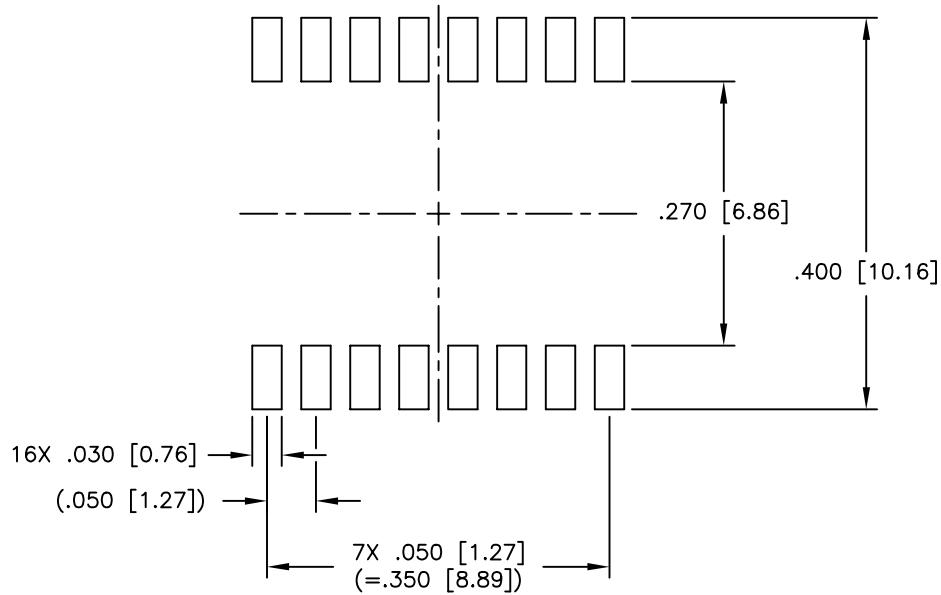
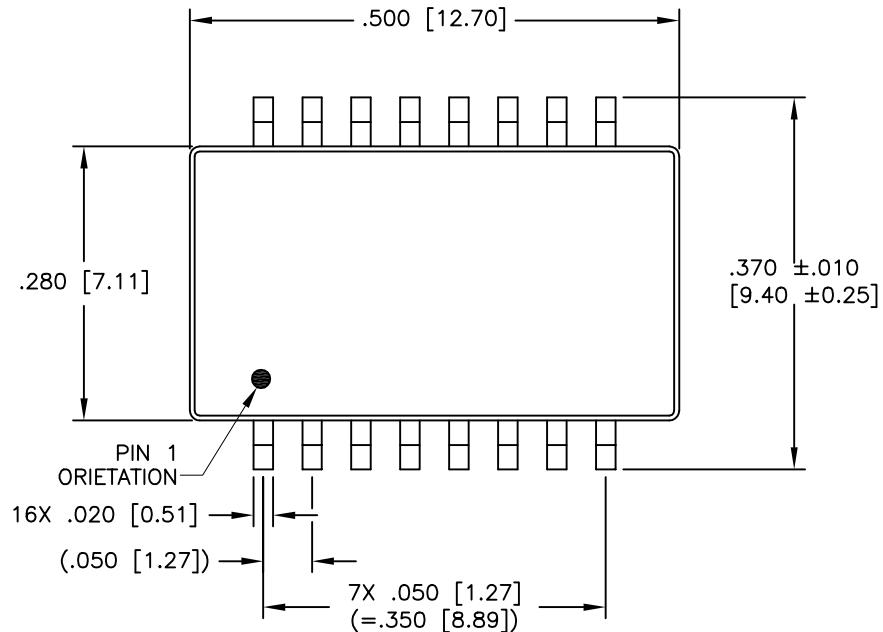
SCHEMATIC

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

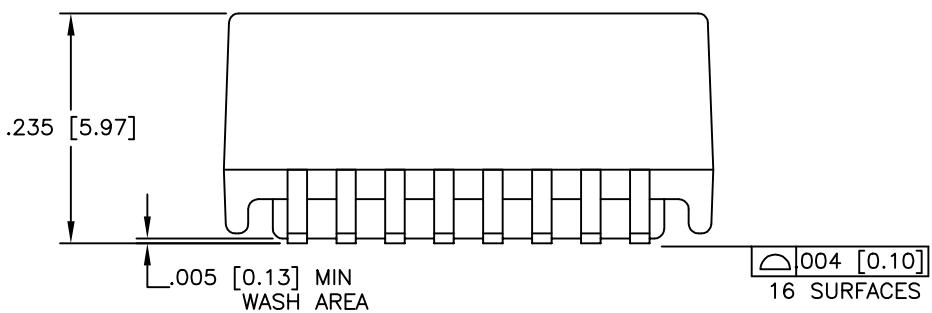
PARAMETER	SPECIFICATIONS	
OPERATING TEMP	0°C – 70 °C	
TURNS RATIO	1 : 1 ±2%	
POLARITY	PER SCHEMATIC	
INSERTION LOSS	100 KHz	1-125 MHz
	-1.2 dB MAX	-0.2-0.002*f <sup>1.4</sup> dB MAX
RETURN LOSS (Z OUT = 100 OHM ±15%)	.1-40 MHz	40-100 MHz
	-16 dB MIN	-10+20*LOG <sub>10</sub> (f/80 MHz) dB MIN
INDUCTANCE (OCL) (MEDIA SIDE, 0°C-70°C)	350 uH MIN (MEASURED AT 100 KHz, 100 mVRMS AND WITH 8 mA DC BIAS)	
CROSSTALK, ADJACENT CHANNELS	1 MHz	10-100 MHz
	-50 dB MIN	-55+22*LOG <sub>10</sub> (f/10) dB MIN
DIFFERENTIAL TO COMMON MODE REJECTION	2 MHz	30-200 MHz
	-50 dB MIN	-43+22*LOG <sub>10</sub> (f/30) 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.

PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
MDL,SIN,100P,1:1,SMT	H2260NL-13	PS-2005.001-F	2 OF 3	H2260NL	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]

© Copyright, 2015. Pulse Electronics Corp. All rights reserved. Pulse confidential & proprietary. (07/31/15)

PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
MDL,SIN,100P,1:1,SMT	H2260NL-13	PS-2005.001-F	3 OF 3	H2260NL	A

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Pulse:

[H2260NL](#) [H2260NLT](#)