

NOTES: UNLESS OTHERWISE SPECIFIED

1.

|                                                                                   |                                                                                                                    |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| NOTICE:                                                                           | THIS IS A RoHS COMPLIANT COMPONENT/PRODUCT. ALL ENGINEERING CHANGES MUST HAVE PRIOR APPROVAL BY THE DESIGN CENTER. |
| RoHS-6                                                                            |                                                                                                                    |
|  |                                                                                                                    |

2. PLASTIC: THERMOSET PLASTIC MATERIAL WITH FLAMMABILITY RATING UL 94V-0 OR BETTER.
3. SOLDERABILITY: CONFORMS TO ANSI/J-STD-002 245°C REFLOW PEAK TEMPERATURE PER IPC/EIA J-STD-003A
4. OPERATING TEMPERATURE: 0°C TO +70°C
5. STORAGE TEMPERATURE: -20°C TO +125°C
6. JEDEC MOISTURE: LEVEL 1.
7. DIMENSIONS ARE IN INCHES [MILLIMETERS] WITH THE FOLLOWING TOLERANCES: [MILLIMETERS] ARE FOR REFERENCE ONLY.  
.XX= ±0.01 [±0.25]  
.XXX= ±0.005 [±0.13]
8. NOT FOR SALE IN U.S.

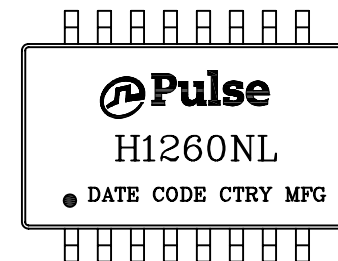
ELECTRICAL CHARACTERISTICS:

ELECTRICAL: @ +25°C

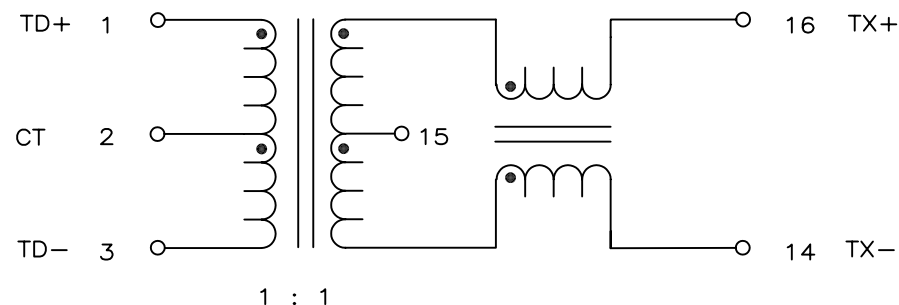
| PARAMETER                                    | SPECIFICATIONS                                                         |                                               |            |
|----------------------------------------------|------------------------------------------------------------------------|-----------------------------------------------|------------|
| INSERTION LOSS                               | 100 KHz                                                                | 1-125 MHz                                     |            |
|                                              | -1.2 dB MAX                                                            | -0.2-0.002*f <sup>1.4</sup> dB MAX            |            |
| RETURN LOSS, 100BT<br>(Z OUT = 100 OHM ±15%) | .1-30 MHz                                                              | 30-60 MHz                                     | 60-80 MHz  |
|                                              | -16 dB MIN                                                             | -10+20*LOG <sub>10</sub><br>(f/60 MHz) dB MIN | -10 dB MIN |
| INDUCTANCE (OCL)<br>(MEDIA SIDE, 0°C-70°C)   | 350 uH MIN (MEASURED AT 100 KHz, 100 mVRMS)<br>(AND WITH 8 mA DC BIAS) |                                               |            |
| CROSSTALK, ADJACENT<br>CHANNELS              | 1 MHz                                                                  | 10-100 MHz                                    |            |
|                                              | -50 dB MIN                                                             | -55+22*LOG <sub>10</sub> (f/10) dB MIN        |            |
| COMMON MODE<br>REJECTION RATIO               | 2 MHz                                                                  | 30-200 MHz                                    |            |
|                                              | -50 dB MIN                                                             | -15+20*LOG <sub>10</sub> (f/200) dB MIN       |            |
| DC RESISTANCE,<br>1/2 WINDING                | .65 OHMS MAX                                                           |                                               |            |
| DC RESISTANCE<br>IMBALANCE                   | ±.065 OHMS MAX (CENTER TAP SYMMETRY)                                   |                                               |            |
| INPUT - OUTPUT<br>ISOLATION                  | 1500 VRMS MIN @ 60 SECONDS                                             |                                               |            |

NOTE: f IS FREQUENCY IN MHZ.

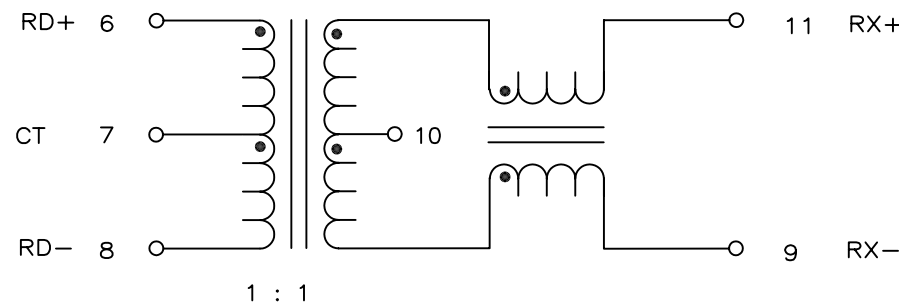
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TRANSMIT



RECEIVE



SCHEMATIC

PULSE CONFIDENTIAL  
&  
PROPRIETARY

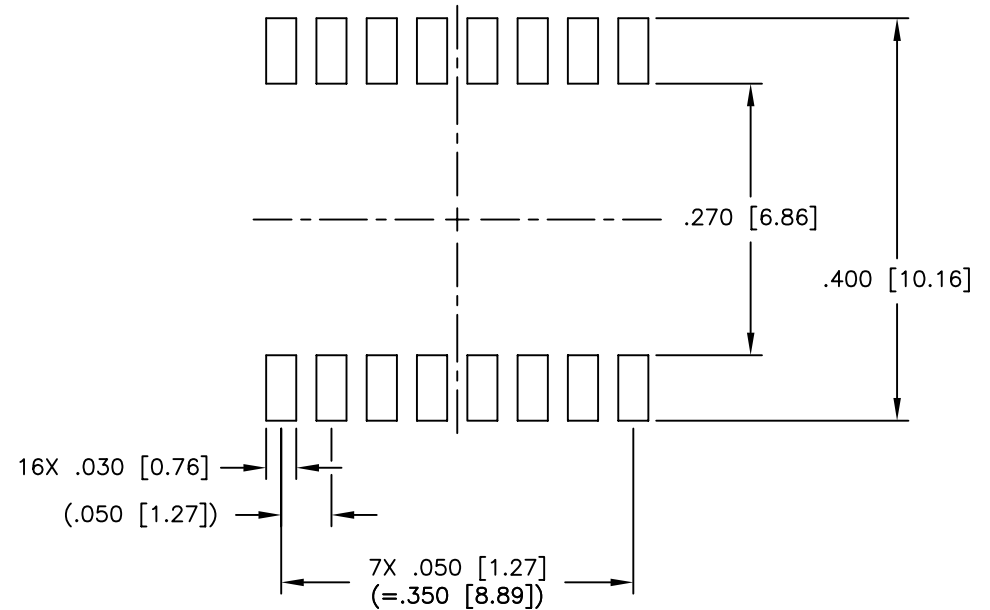
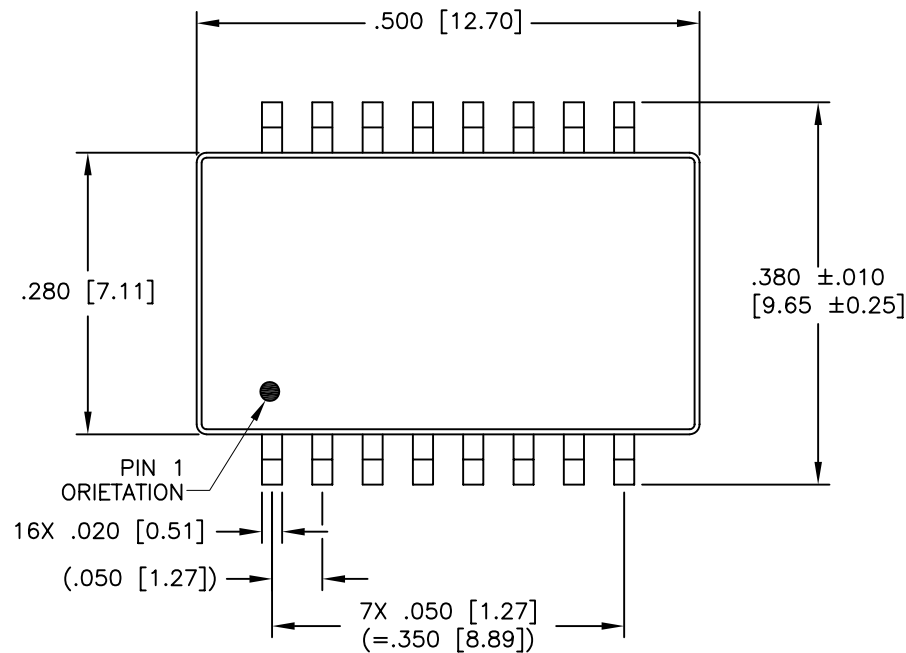
PRODUCT DESCRIPTION  
MDL,SIN,100D,1:1,SMT

PS DRAWING  
PS-2005.001-D

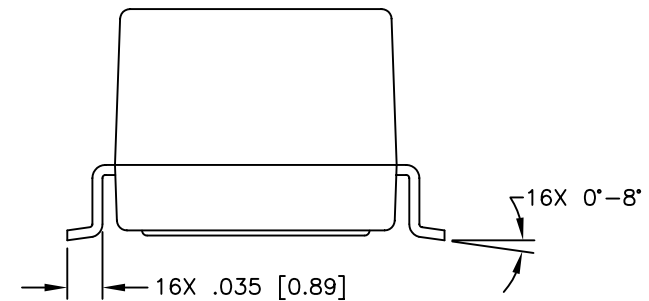
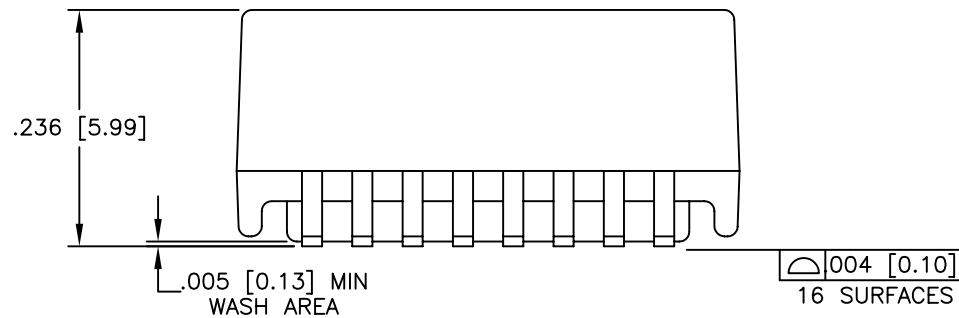
SHEET:  
1

DWG. NO./ PART NO.  
H1260NL

REV.  
M20



SUGGESTED LAND PATTERN



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PRODUCT DESCRIPTION  
MDL,SIN,100D,1:1,SMT

PS DRAWING  
PS-2005.001-D

SHEET:  
2

DWG. NO./ PART NO.  
H1260NL

REV.  
M20