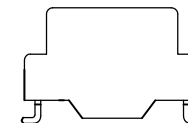
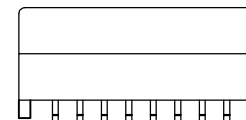
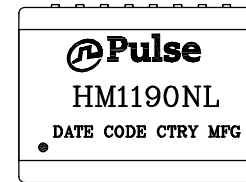


NOTES:

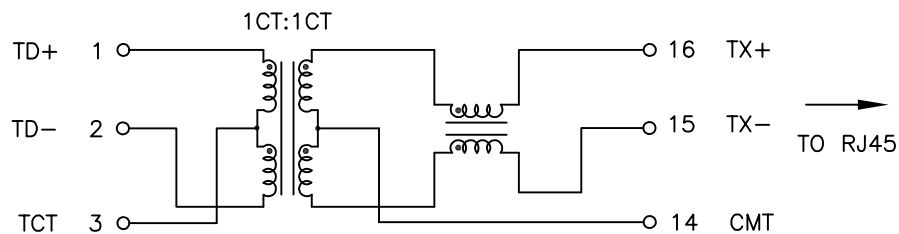
1. ROHS COMPLIANT
2. STORAGE TEMPERATURE: -50°C TO +125°C
3. COMPLIANCE TO J-STD:
 - A. J-STD-002: SOLDERABILITY AT 245°C REFLOW PROFILE
 - B. J-STD-020: LEVEL 1, NO MOISTURE SENSITIVE
 - C. J-STD-075: R7, 245°C MAXIMUM THROUGH REFLOW SOLDER
4. TO ORDER TAPE & REEL PACKAGING ADD A "T" SUFFIX TO THE PART NUMBER(i.e HXXXXXXXXNL BECOMES HXXXXXXXXNLT).



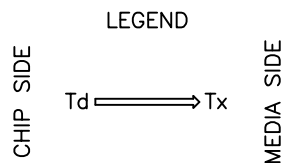
FINAL OUTLINE

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| PRODUCT DESCRIPTION | TLA DRAWING | PS DRAWING | SHEET | PART NO. | DATASHEET REV. |
|------------------------|-------------|---------------|--------|----------|----------------|
| MDL,SIN,100D,1:1,SM,TU | HM1190NL-P1 | PS-2005.002-D | 1 OF 3 | HM1190NL | D |



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 TO +125°C | |
| TURNS RATIO | 1 : 1 ±2% | |
| POLARITY | PER SCHEMATIC | |
| INDUCTANCE (OCL) (MEDIA SIDE, -40°C~+125°C) | 350 uH MIN (MEASURED AT 100 KHz, 100 mVRMS) (AND WITH 8 mA DC BIAS) | |
| 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 + 20LOG ₁₀ (f/30 MHz) dB MIN |
| DIFFERENTIAL TO COMMON MODE REJECTION | 5-200 MHz | |
| | -50 + 17LOG ₁₀ (f/5 MHz) dB MIN | |
| INPUT - OUTPUT ISOLATION | 2500 VRMS FOR 60 SECONDS | |

NOTE: f IS FREQUENCY IN MHz.

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PRODUCT DESCRIPTION
MDL,SIN,100D,1:1,SM,TU

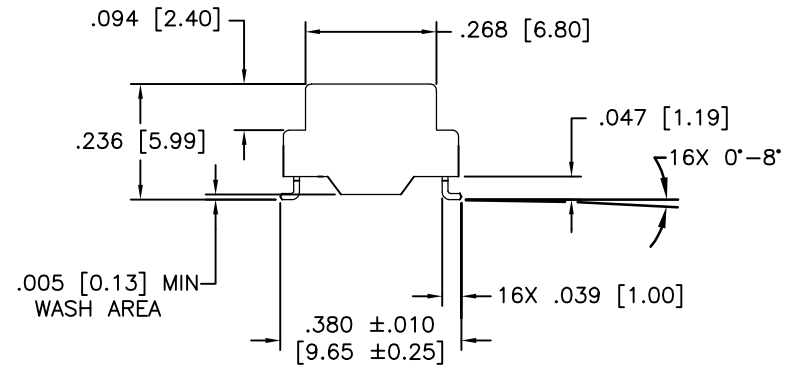
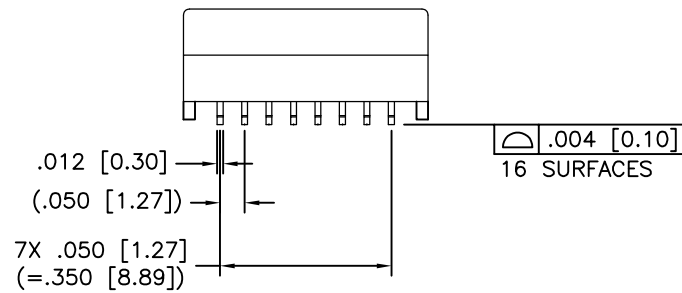
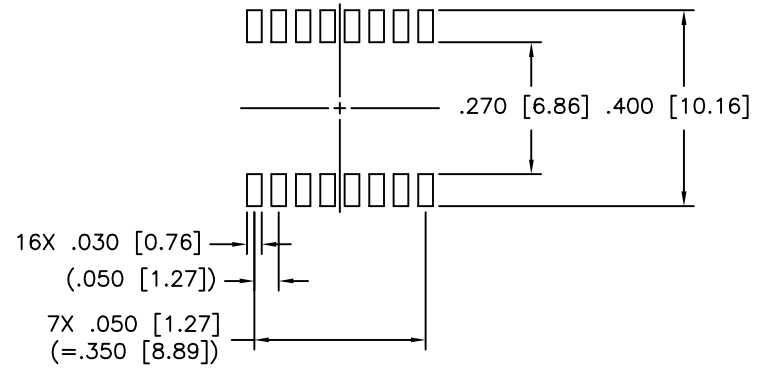
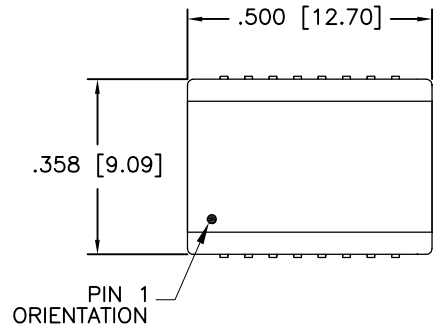
TLA DRAWING
HM1190NL-P1

PS DRAWING
PS-2005.002-D

SHEET
2 OF 3

PART NO.
HM1190NL

DATASHEET REV.
D



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
MDL,SIN,100D,1:1,SM,TU

TLA DRAWING
HM1190NL-P1

PS DRAWING
PS-2005.002-D

SHEET
3 OF 3

PART NO.
HM1190NL

DATASHEET REV.
D

单击下面可查看定价，库存，交付和生命周期等信息

[>>Pulse\(普思\)](#)