
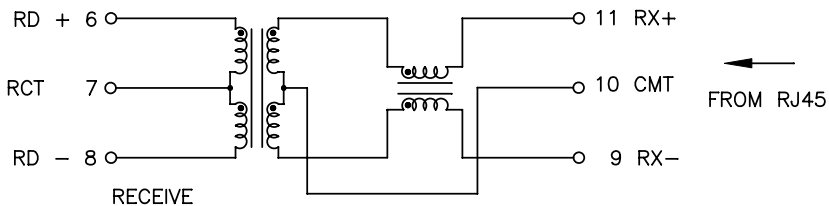
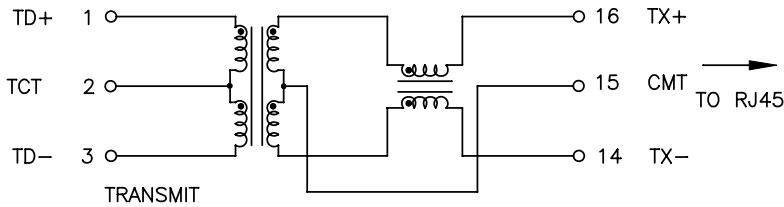


NOTES: UNLESS OTHERWISE SPECIFIED

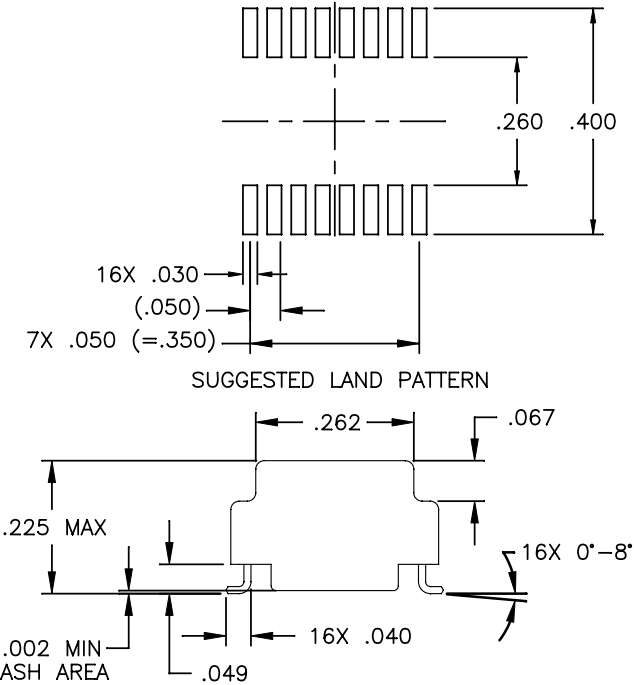
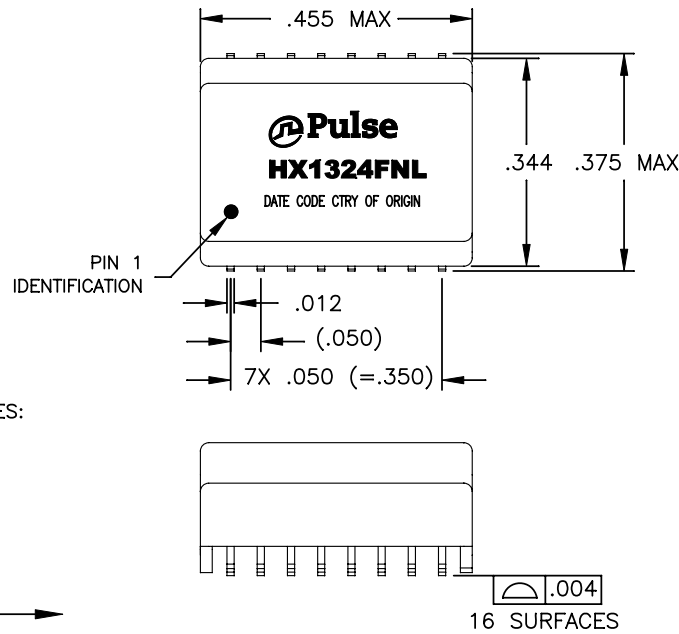
1.

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

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: -40°C TO +85°C
5. STORAGE TEMPERATURE: -50°C TO +125°C
6. JEDEC MOISTURE: LEVEL 1.
7. DIMENSIONS ARE IN INCHES WITH THE FOLLOWING TOLERANCES:
.XX= ±.01 .XXX= ±.005
8. REVISION: MP1,MP2, ARE PRELIMINARY.

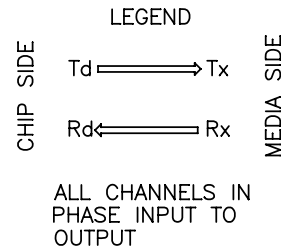


SCHEMATIC



ELECTRICAL CHARACTERISTICS AT +25°C

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	5 MHz	30-80 MHz
	Z _{OUT} = 100 OHMS	-18 dB MIN
CROSSTALK (TX-RX)	1 MHz	5-100 MHz
	-62 dB MIN	-45 + 21LOG ₁₀ (f/30 MHz) dB MIN
DIFFERENTIAL TO COMMON MODE REJECTION	5-200 MHz	
	-50 + 17LOG ₁₀ (f/5 MHz) dB MIN	
ISOLATION (INPUT - OUTPUT)	VOLTAGE	TIME
	1650 VRMS	6 SECONDS MAX



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PULSE CONFIDENTIAL
&
PROPRIETARY

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

PS DRAWING
PS-2755.001-A

SHEET: DWG. NO./ PART NO.
1 HX1324FNL

REV.
MP1