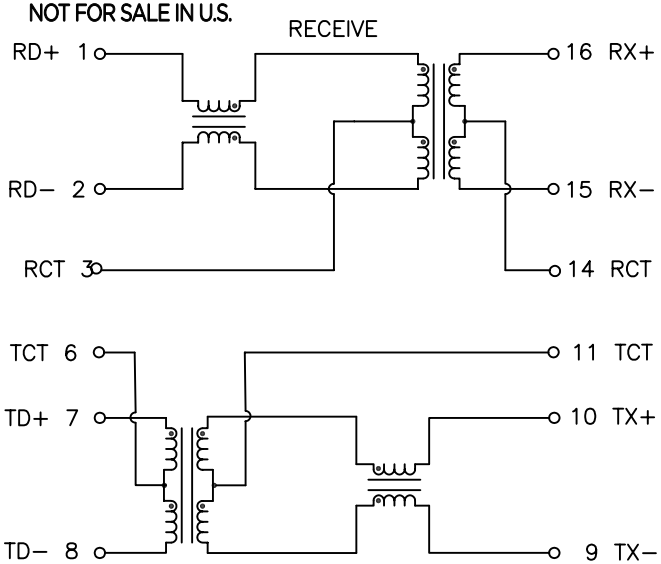
NOTES: UNLESS OTHERWISE SPECIFIED

1. | NOTICE: | THIS IS A RoHS COMPLIANT COMPONENT/PRODUCT. ALL ENGINEERING CHANGES MUST HAVE PRIOR APPROVAL BY THE DESIGN CENTER. |
   |---|---|
   | RoHS ✓ | |
2. COVER MATERIAL: THERMOSET PLASTIC MATERIAL WITH FLAMMABILITY RATING UL 94V-0 OR BETTER.
3. SOLDERABILITY: CONFORMS TO ANSI/J-STD-002, 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, TOLERANCES:
   .XX = ±.01 .XXX= ±.005
8. **NOT FOR SALE IN U.S.**



TRANSMIT SCHEMATIC

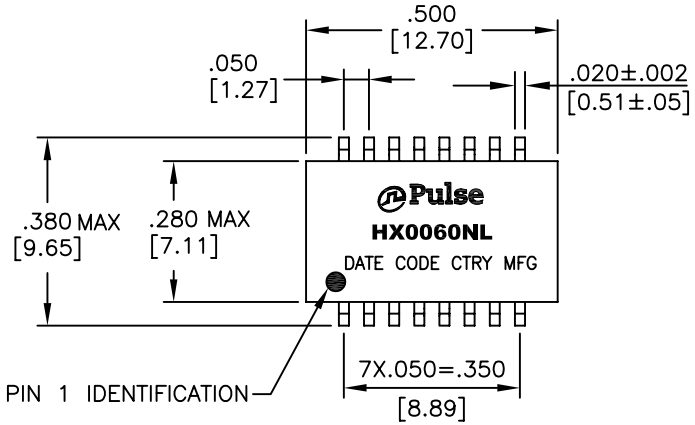
ELECTRICAL CHARACTERISTICS AT +25°C UNLESS OTHERWISE SPECIFIED
(FOR REFERENCE ONLY. USED FOR CUSTOMER INFORMATION.)

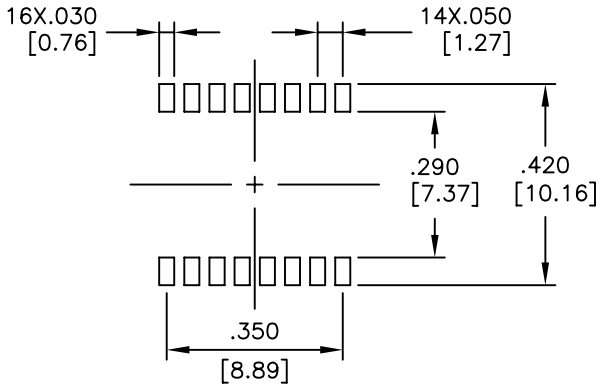
PARAMETER	SPECIFICATIONS		
OPERATION TEMP	-40°C ~ +85°C		
TURNS RATIO	1 : 1 ±2%		
POLARITY	PER SCHEMATIC		
INSERTION LOSS	100 KHz	1-125 MHz	
	-1.2 dB MAX	$-0.2-0.002*f^{1.4}$ dB MAX	
RETURN LOSS (Z OUT = 100 OHM ±15%)	.1-30 MHz	30-60 MHz	60-80 MHz
	-16 dB MIN	$-10+20*\log_{10}(f/60\ \text{MHz})$ dB MIN	-10 dB MIN
INDUCTANCE (OCL) (MEDIA SIDE, 0°C - 70°C)	400 uH MIN (MEASURED AT 100 KHz, 100 mVRMS)		
INDUCTANCE (OCL) (MEDIA SIDE, -40°C - +85°C)	150 uH MIN (MEASURED AT 100 KHz, 100 mVRMS)		
CROSSTALK, ADJACENT CHANNELS	1 MHz	10-100 MHz	
	-50 dB MIN	$-55+22*\log_{10}(f/10)$ dB MIN	
COMMON MODE REJECTION RATIO	2 MHz	30-200 MHz	
	-50 dB MIN	$-15+20*\log_{10}(f/200)$ 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.

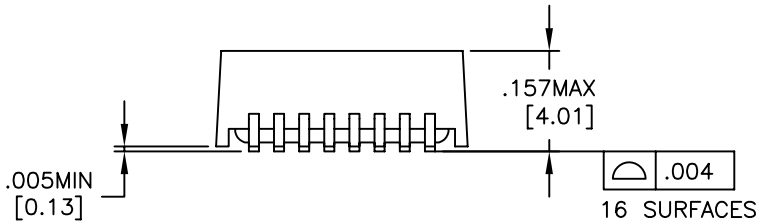
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PULSE CONFIDENTIAL & PROPRIETARY	PRODUCT DESCRIPTION	PS DRAWING	SHEET:	DWG. NO./ PART NO.	REV.
	MDL,SIN,100D,1:1,SM,TU	PS-2266.001-A	1	HX0060NL	M11

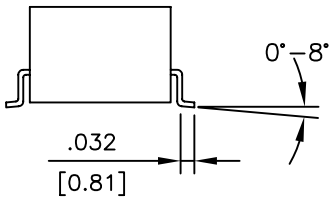




SUGGESTED PAD LAYOUT



(WASH AREA: The lowest point of FG to sitting plane)



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PULSE CONFIDENTIAL & PROPRIETARY	PRODUCT DESCRIPTION	PS DRAWING	SHEET:	DWG. NO./ PART NO.	REV.
	MDL,SIN,100D,1:1,SM,TU	PS-2266.001-A	2	HX0060NL	M11