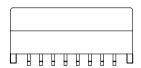


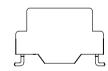


NOTES:

- ROHS COMPLIANT
- 2. HEADER: DAP (DIALLYL PHTHALATE) WITH FLAMMABILITY RATING UL 94V-0 OR BETTER.
- 3. STORAGE TEMPERATURE: -50°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 HX1188FNL BECOMES HX1188FNLT).







FINAL OUTLINE

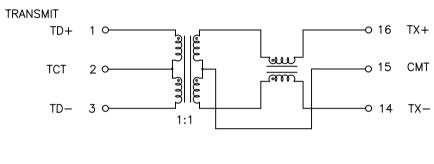
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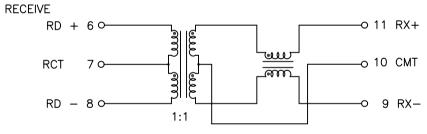
PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
MDL,SIN,100D,1:1,SM,TU	HX1188FNL-13	PS-2005.002-D	1 OF 3	HX1188FNL	В





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





SCHEMATIC
00.12.11

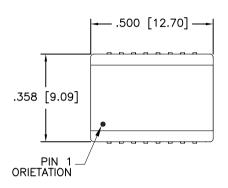
PARAMETER	SPECIFICATIONS						
OPERATING TEMP	-40°C ∼ +85°C						
TURNS RATIO	1 : 1 ±2%						
POLARITY		PER SCHEMATIC					
INDUCTANCE (OCL) (MEDIA SIDE,-40°C~+85°C)	350 uH MIN	(MEASURED AT 100 KHz, 100 mVRMS) (AND WITH 8 mA DC BIAS					
	1-100 MHz	125 MHz					
INSERTION LOSS	-1.0 dB MAX	AX -3.0 dB MAX					
RETURN LOSS	5 MHz 30-80 MHz						
$Z_{OUT} = 100 OHMS$	-18 dB MIN	$-16 + 20LOG_{10} (f/30 \text{ MHz}) \text{ dB MIN}$					
CROSSTALK	1 MHz	5-100 MHz					
(TX-RX)	-62 dB MIN	$-45 + 21LOG_{10} (f/30 MHz) dB MIN$					
DIFFERENTIAL TO	5-200 MHz						
COMMON MODE REJECTION	-50 + 17LOG ₁₀ (f/5 MHz) dB MIN						
INPUT — OUTPUT ISOLATION	1500 VRMS FOR 60 SECONDS						

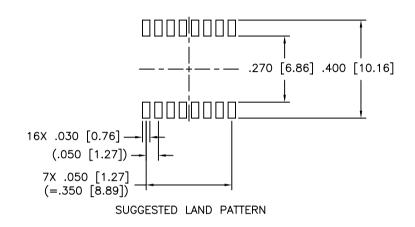
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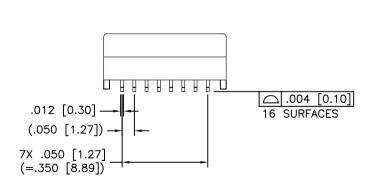
PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
MDL,SIN,100D,1:1,SM,TU	HX1188FNL-13	PS-2005.002-D	2 OF 3	HX1188FNL	В

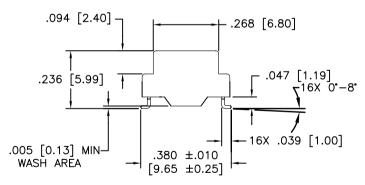












DIMENSIONS ARE IN INCHES [MILLIMETERS] WITH THE FOLLOWING TOLERANCES: [MILLIMETERS] ARE FOR REFERENCE ONLY. .XX= \pm .01 [\pm 0.25] .XXX= \pm .005 [\pm 0.13]

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
MDL,SIN,100D,1:1,SM,TU	HX1188FNL-13	PS-2005.002-D	3 OF 3	HX1188FNL	В

Mouser Electronics

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