

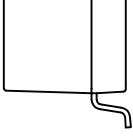
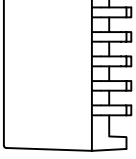


THE DATASHEET OF HX6096NLS



NOTES:

1. ROHS COMPLIANT
2. HEADER: THERMOSET PLASTIC MATERIAL 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 HX6096NL BECOMES HX6096NLT).



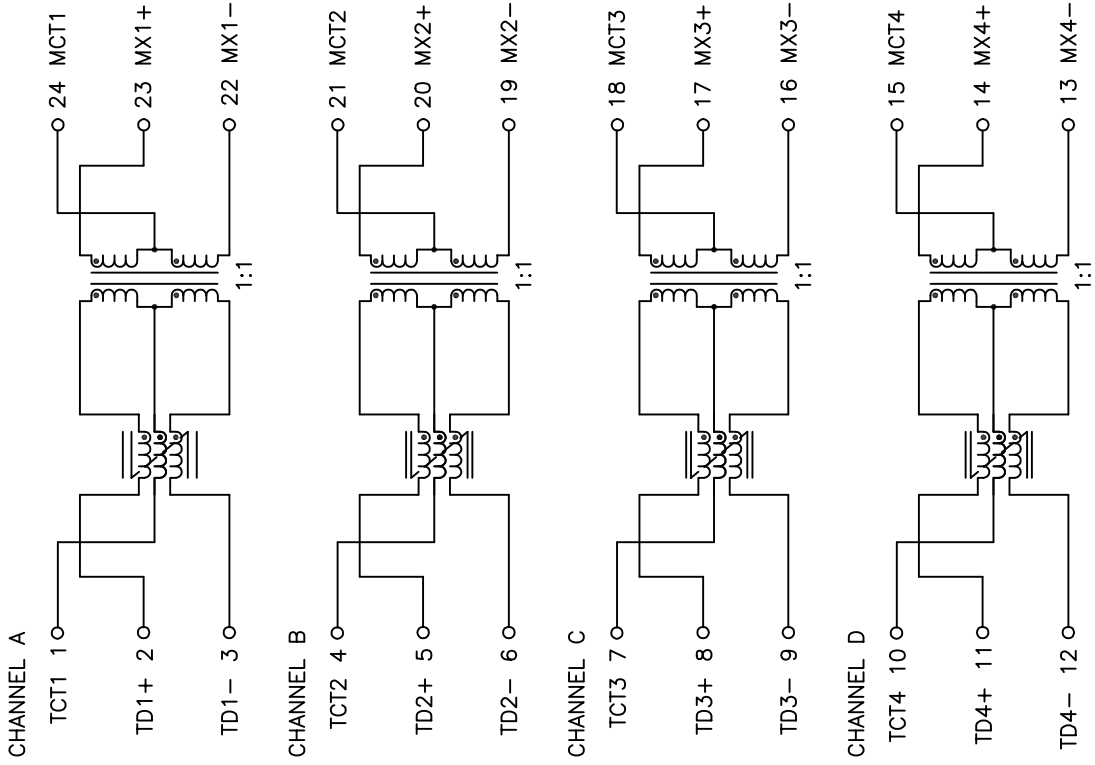
FINAL

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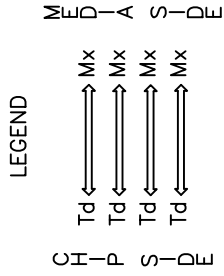
PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET
MDL,SIN,1GP,1:1,SM,TU	HX6096NL-13	PS-2473.001-A	1 OF 3

E-MAIL: PRODINFONETWORK@PULSEELECTRONICS.COM(US). ASIA@PULSEELECTRONICS.COM(Asia)

PHONE: USA:858 674 8100, GERMANY:49 7032 78060, SINGAPORE:65



SCHEMATIC



ALL CHANNELS ARE
IN PHASE BETWEEN
INPUT AND OUTPUT

NOTE: f IS FREQUENCY IN MHz

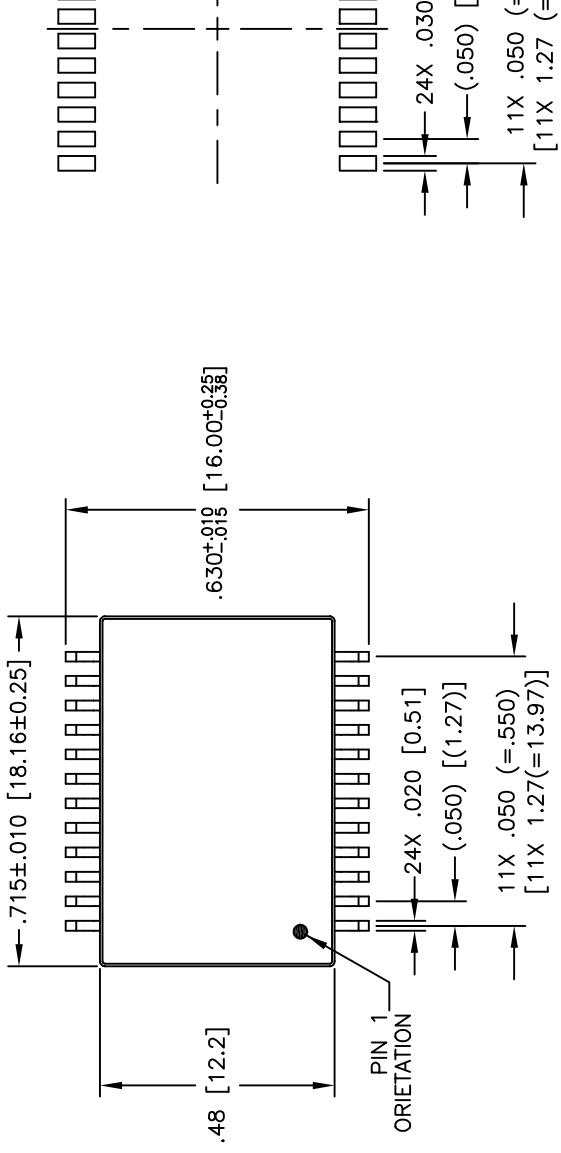
PARAMETER	
OPERATING TEMPERATURE	
TURNS RATIO	
INTERWINDING CAPACITANCE (C _{ww})	
LEAKAGE INDUCTANCE (LL)	
TURNS RATIO	
INSERTION LOSS	
RETURN LOSS (Z _{OUT} = 100 OHM ±15%)	
INDUCTANCE (OCL) (MEDIA SIDE, -40 - +85°C)	
CROSSTALK, ADJACENT CHANNELS	
COMMON MODE REJECTION RATIO	
DC CURRENT/VOLTAGE RATING	
DC RESISTANCE, 1/2 WINDING	
DC RESISTANCE BALANCE	
INPUT - OUTPUT ISOLATION	

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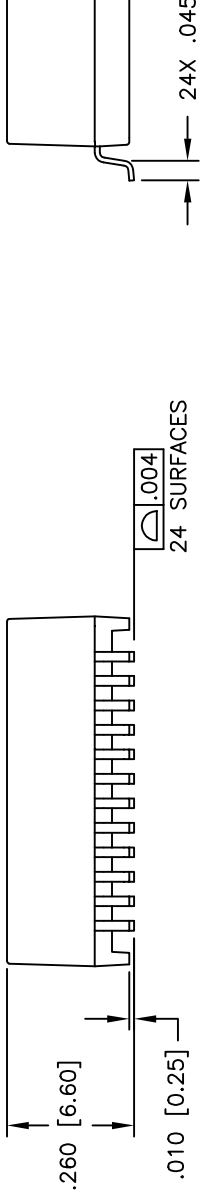
PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET
MDL,SIN,1GP,1:1,SM,TU	HX6096NL-13	PS-2473.001-A	2 OF 3

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SUGGESTED LAN



DIMENSIONS ARE IN INCHES [MILLIMETERS] WITH THE FOLLOWING TOLERANCES: [MILLIMETERS] ARE FOR REFERENCE ONLY.
 .XX = ± 0.02 [± 0.5]
 .XXX = ± 0.010 [± 0.25]

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET
MDL,SIN,1GP,1:1,SM,TU	HX6096NL-13	PS-2473.001-A	3 OF 3

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