

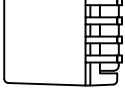
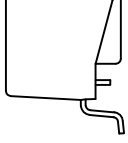


THE DATASHEET OF HX5008NL



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 HX5008NL BECOMES HX5008NLT).



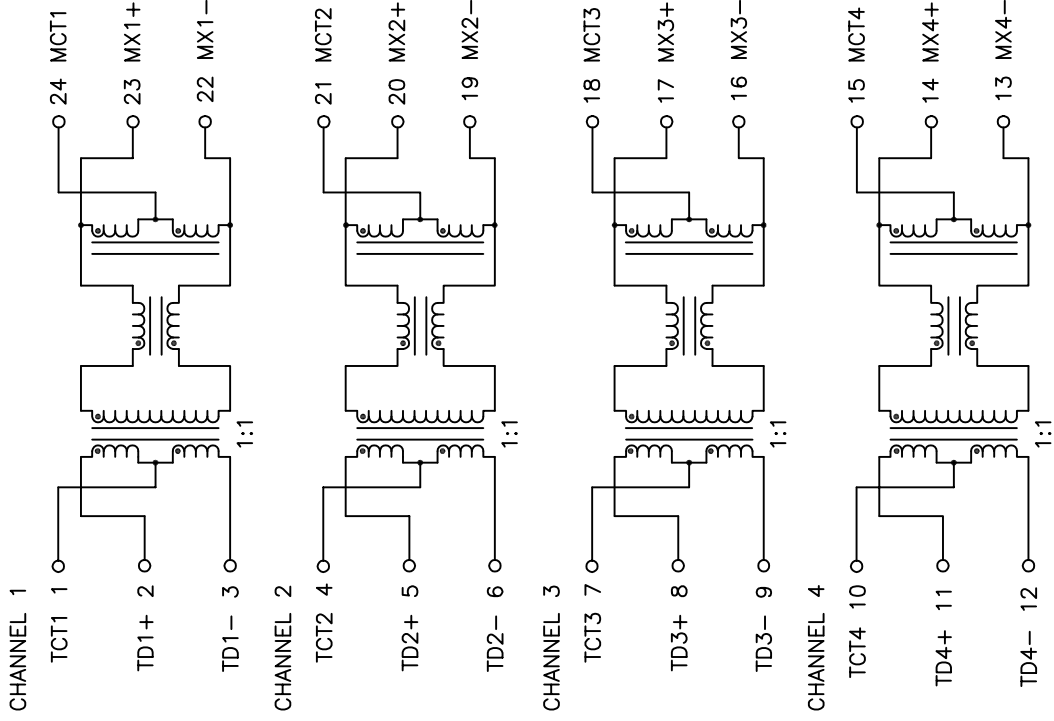
FIN

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET
MDL,SIN,1GD,1:1,SM,OH	HX5008NL-14	PS-0118.001-D	1 OF 3

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

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

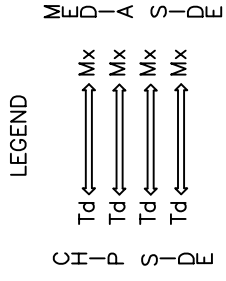


SCHEMATIC

ELECTRICAL CHARACTERISTICS
MEETS IEEE 801.1

PARAMETER	
OPERATING TEMP	
TURNS RATIO	
POLARITY	
OCL, TRANSMIT CHANNEL	325 u
INSERTION LOSS	100
RETURN LOSS	-1.2
(Z OUT = 100 OHM ±15%)	1-4
	-16
CROSSTALK (TX-RX)	1
	-50
DIFFERENTIAL TO COMMON MODE REJECTION	2
	-50
INPUT - OUTPUT ISOLATION	

NOTE: f IS FREQUENCY IN MHZ.

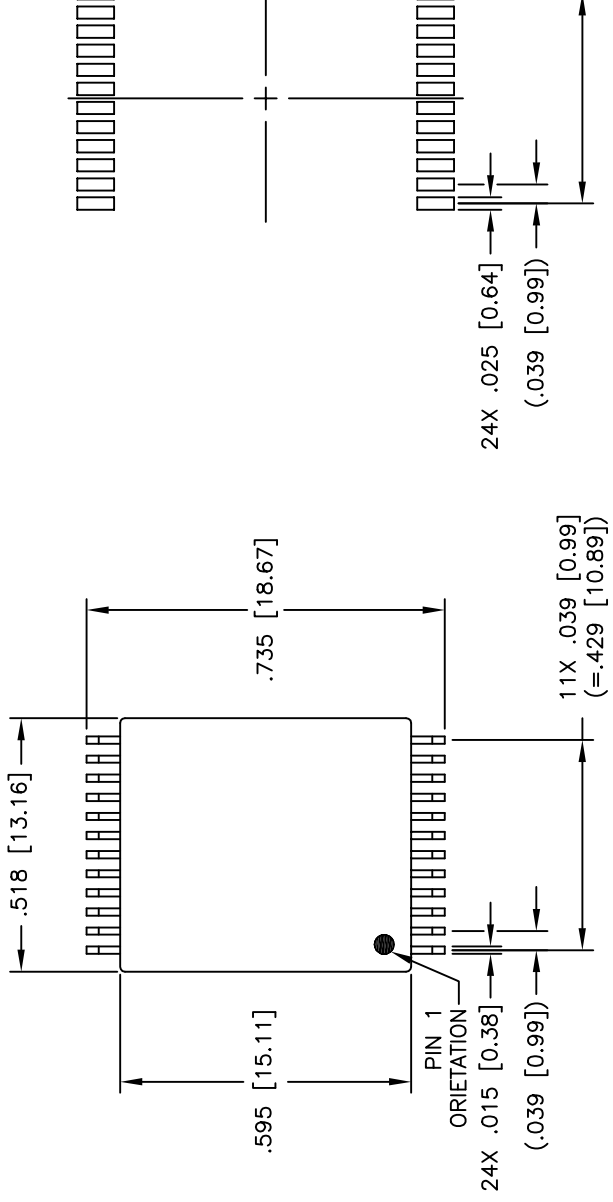


ALL CHANNELS ARE IN PHASE BETWEEN INPUT AND OUTPUT

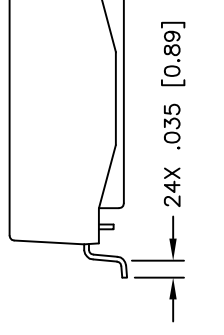
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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET
MDL,SIN,1GD,1:1,SM,OH	HX5008NL-14	PS-0118.001-D	2 OF 3

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SUGGESTED LAND PAT



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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MDL,SIN,1GD,1:1,SM,OH	HX5008NL-14	PS-0118.001-D	3 OF 3

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