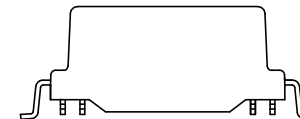
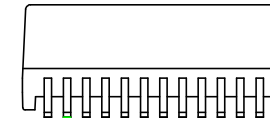
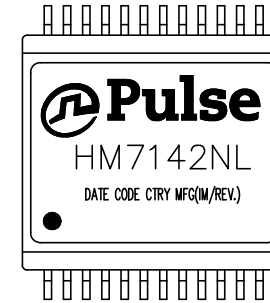




NOTES:

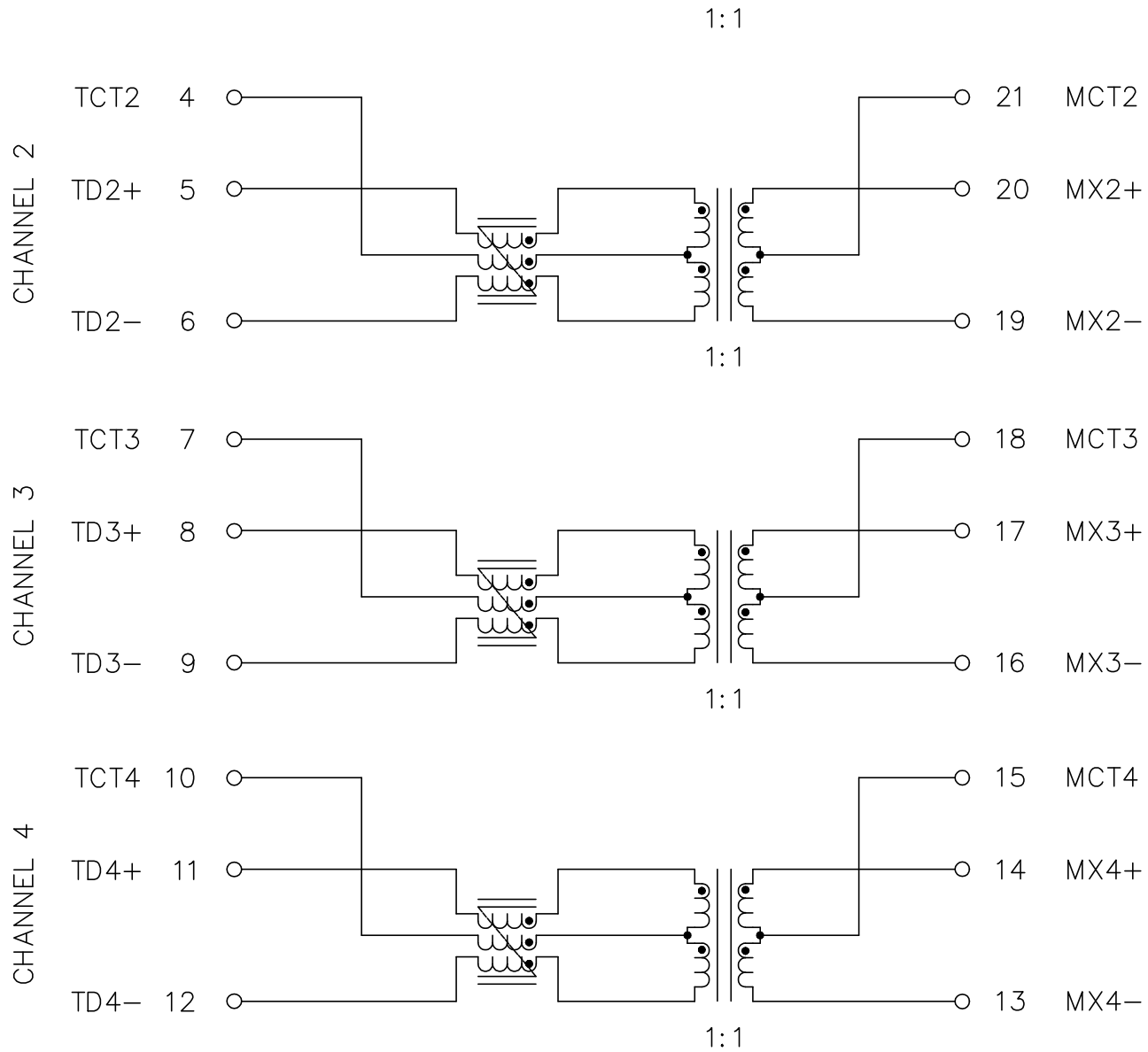
1. ROHS COMPLIANT
2. HEADER: DAP (DIALLYL PHTHALATE) WITH FLAMMABILITY RATING UL 94V-0 OR BETTER.
3. STORAGE TEMPERATURE: -50°C TO +125°C
4. COMPLIANCE TO J-STD:
  - A. J-STD-002: SOLDERABILITY AT 245°C REFLOW PROFILE
  - B. J-STD-020: LEVEL 1, NO MOISTURE SENSITIVE
  - C. J-STD-075: R7, 245°C MAXIMUM THROUGH REFLOW SOLDER
5. TO ORDER TAPE & REEL PACKAGING ADD A "T" SUFFIX TO THE PART NUMBER(i.e HM7142NL BECOMES HM7142NLT).



FINAL OUTLINE

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
MDL,SIN,10G,1: 1,GEN2,SM,TU	HM7142NL-P4	PS-2517.001-B	1 OF 3	HM7142NL	C



SCHMATIC

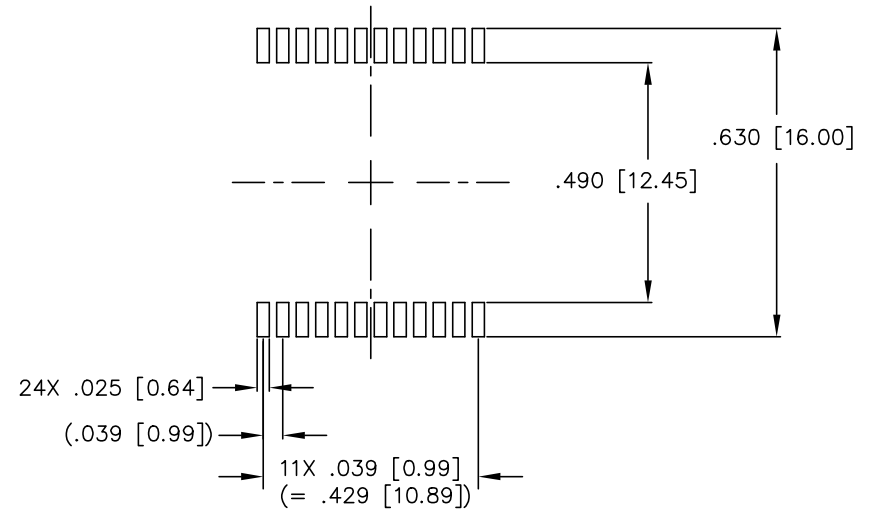
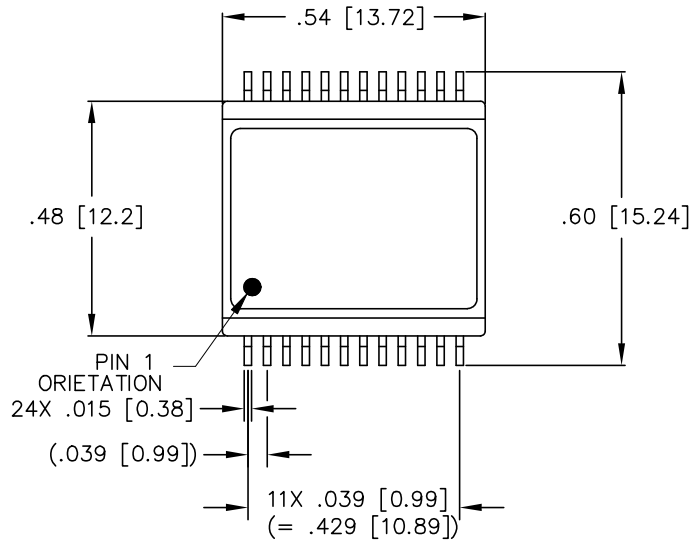
	OPERATING TEMPERATURE	
	URNS RATIO	
	POLARITY	
	INSERTION LOSS (SDD21)	100 KHz -3.0 dB M
▽	RETURN LOSS (Z OUT = 100 OHM ± 1%)	1 MHz -21
▽	INDUCTANCE (OCL)	15
	CROSSTALK, ADJACENT CHANNELS (SDD21 - ADJ.)	
	COMMON MODE REJECTION RATIO (SCC21)	1 MHz-100 -35 dB
	COMM. TO DIFF. REJECTION RATIO (SDC12)	
▽	INPUT - OUTPUT ISOLATION	

NOTE: 1. f IS FREQUENCY IN MHZ.

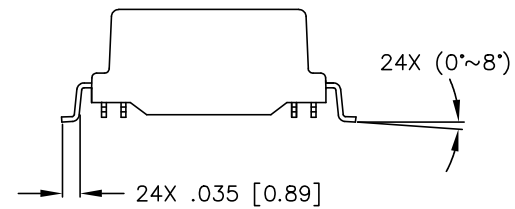
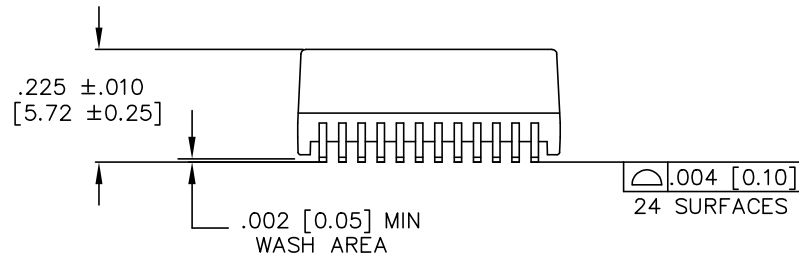
2. "▽" IS SPECIAL CHARACTERISTI

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET
MDL,SIN,10G,1:1,GEN2,SM,TU	HM7142NL-P4	PS-2517.001-B	2 OF 3



SUGGESTED LAND PATTERN



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

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
MDL,SIN,10G,1: 1,GEN2,SM,TU	HM7142NL-P4	PS-2517.001-B	3 OF 3	HM7142NL	C

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[1879732-1](#) [2-1879391-5](#)