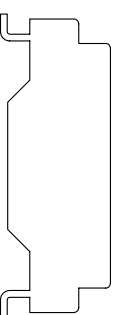
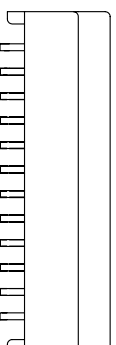
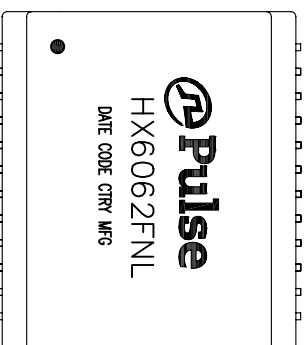


NOTES:

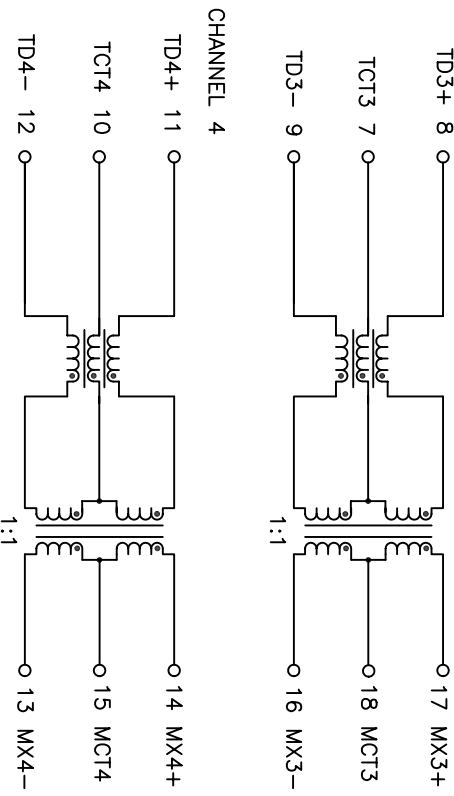
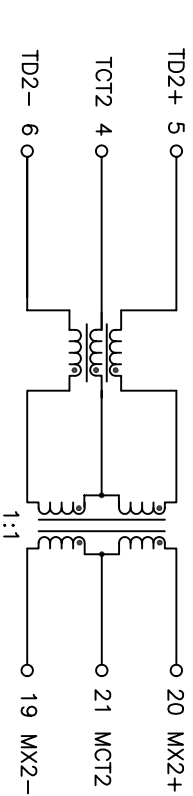
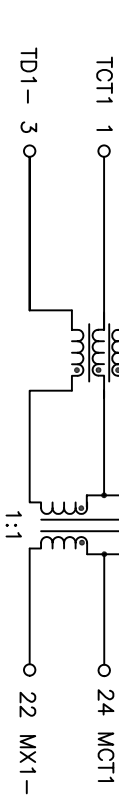
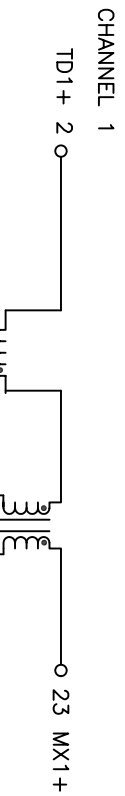
1. ROHS COMPLIANT
2. HEADER: DAP (DIALLYL PHTHALATE) WITH FLAMMABILITY RATING UL 94V-0 OR BETTER.
3. STORAGE TEMPERATURE: -50°C TO +125°C
4. COMPLIANCE TO J-STD:
  - A. J-STD-002: SOLDERABILITY AT 245°C REFLOW PROFILE
  - B. J-STD-020: LEVEL 1, NO MOISTURE SENSITIVE
  - C. J-STD-075: R7, 245°C MAXIMUM THROUGH REFLOW SOLDER
5. TO ORDER TAPE & REEL PACKAGING ADD A "T" SUFFIX TO THE PART NUMBER (i.e HX6062FNLT BECOMES HX6062FNLT).



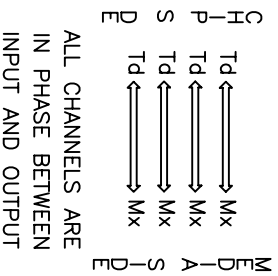
FINAL OUTLINE

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
MDL,SIN,1GP,1:1,SM,TU	HX6062FNLT-10	PS-2597.001-C	1 OF 3	HX6062FNLT	A



SCHEMATIC



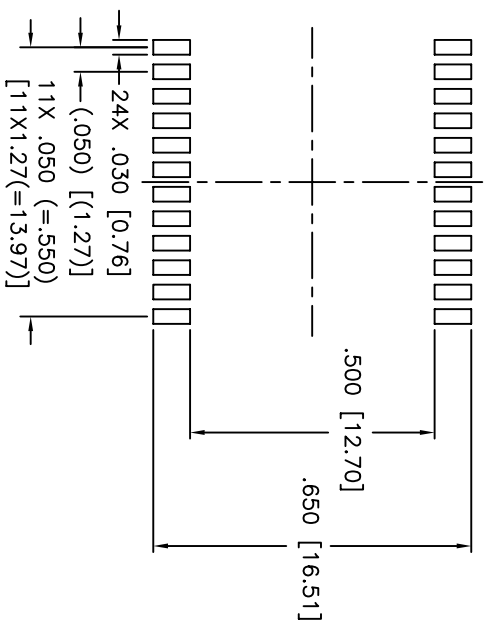
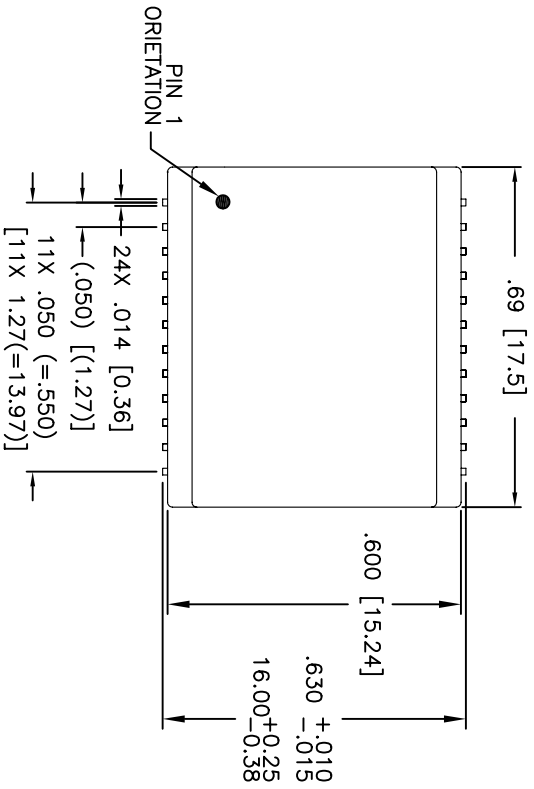
ELECTRICAL CHARACTERISTICS AT +25°C UNLESS OTHER SPECIFIED  
MEETS IEEE 802.3 SPECIFICATION

PARAMETER	SPECIFICATIONS
OPERATING TEMP	-40°C ~ +85°C
TURNS RATIO	1 : 1 ±2%
POLARITY	PER SCHEMATIC
INSERTION LOSS	100 KHZ -1.2 DB MAX -0.2-0.002*f <sup>1.4</sup> DB MAX
RETURN LOSS (Z OUT = 100 OHM ±15%)	.1-40 MHZ -16 DB MIN -10+20*LOG <sub>10</sub> (f/80 MHZ) DB MIN
INDUCTANCE (OCL) (MEDIA SIDE, -40°C~85°C)	350 uH MIN 325 uH MIN AT -40°C (MEASURED AT 100 KHZ, 100 mV(RMS) AND WITH 8 MA DC BIAS)
CROSSTALK, ADJACENT CHANNELS	1 MHZ -50 DB MIN -55+22*LOG <sub>10</sub> (f/10) DB MIN
COMMON MODE REJECTION RATIO	2 MHZ -50 DB MIN -15+20*LOG <sub>10</sub> (f/200) DB MIN
DC RESISTANCE, 1/2 WINDING	.65 OHMS MAX
DC RESISTANCE IMBALANCE	±.065 OHMS MAX (CENTER TAP SYMMETRY)
DC CURRENT/VOLTAGE RATING	350 mA MAX @ 57V (CONTINUOUS)
INPUT - OUTPUT ISOLATION	1500 VRMS MIN @ 60 SECONDS

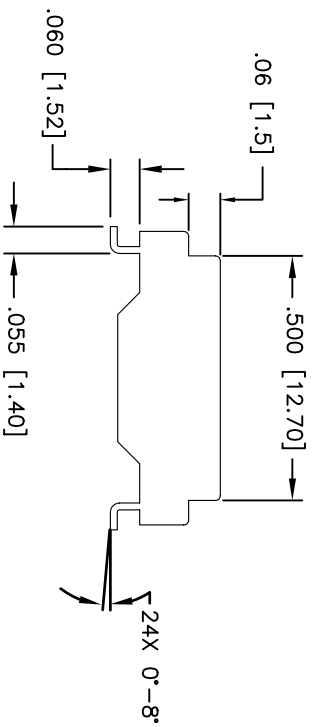
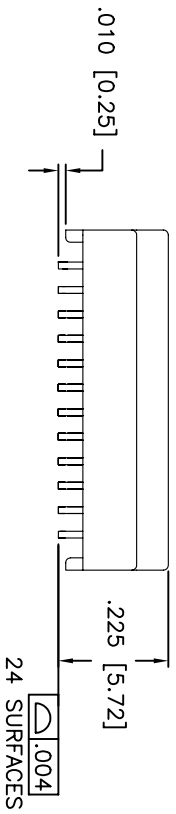
NOTE: f IS FREQUENCY IN MHZ.

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
MDL,SIN,1GP,1:1,SM,TU	HX6062FNL-10	PS-2597.001-C	2 OF 3	HX6062FNL	A



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,1GP,1:1,SM,TU	HX6062FNL-10	PS-2597.001-C	3 OF 3	HX6062FNL	A