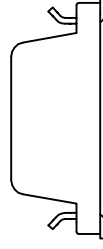
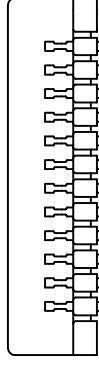
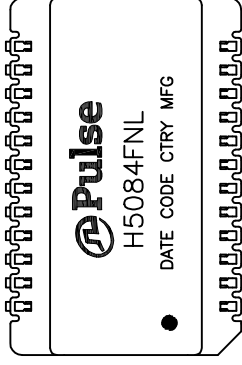


NOTES:

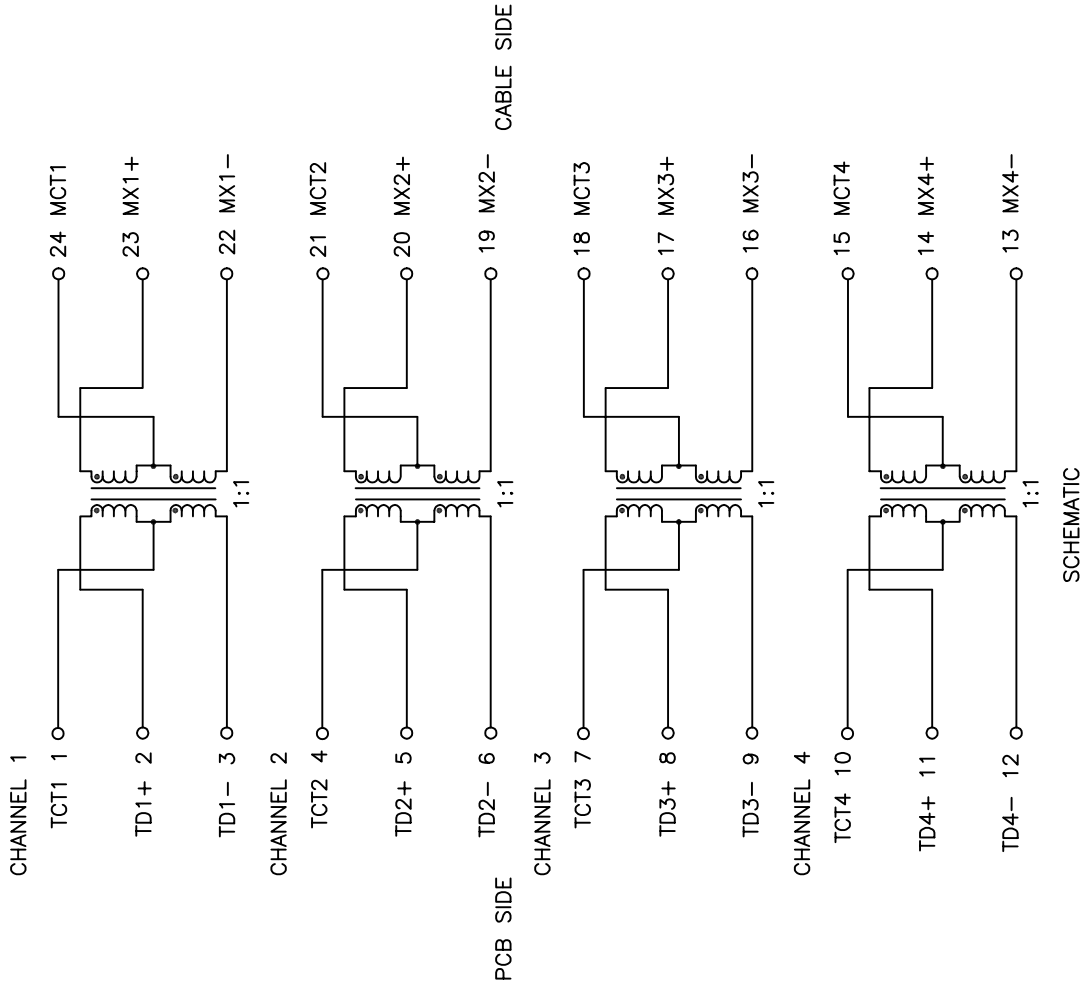
1. ROHS COMPLIANT
2. HEADER: DAP (DIALLYL PHTHALATE) WITH FLAMMABILITY RATING UL 94V-0 OR BETTER.
3. STORAGE TEMPERATURE: -20°C TO +125°C
4. COMPLIANCE TO J-STD:
  - A. J-STD-002: SOLDERABILITY AT 245°C REFLOW PROFILE
  - B. J-STD-020: LEVEL 1, NO MOISTURE SENSITIVE
  - C. J-STD-075: R7, 245°C MAXIMUM THROUGH REFLOW SOLDER
5. TO ORDER TAPE & REEL PACKAGING ADD A "T" SUFFIX  
TO THE PART NUMBER(i.e H5084FNL BECOMES H5084FNLT).



FINAL OUTLINE

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
MDL,SIN,1GD,1:1,SM,TU	H5084FNL-11	PS-2759.001-A	1 OF 3	H5084FNL	C



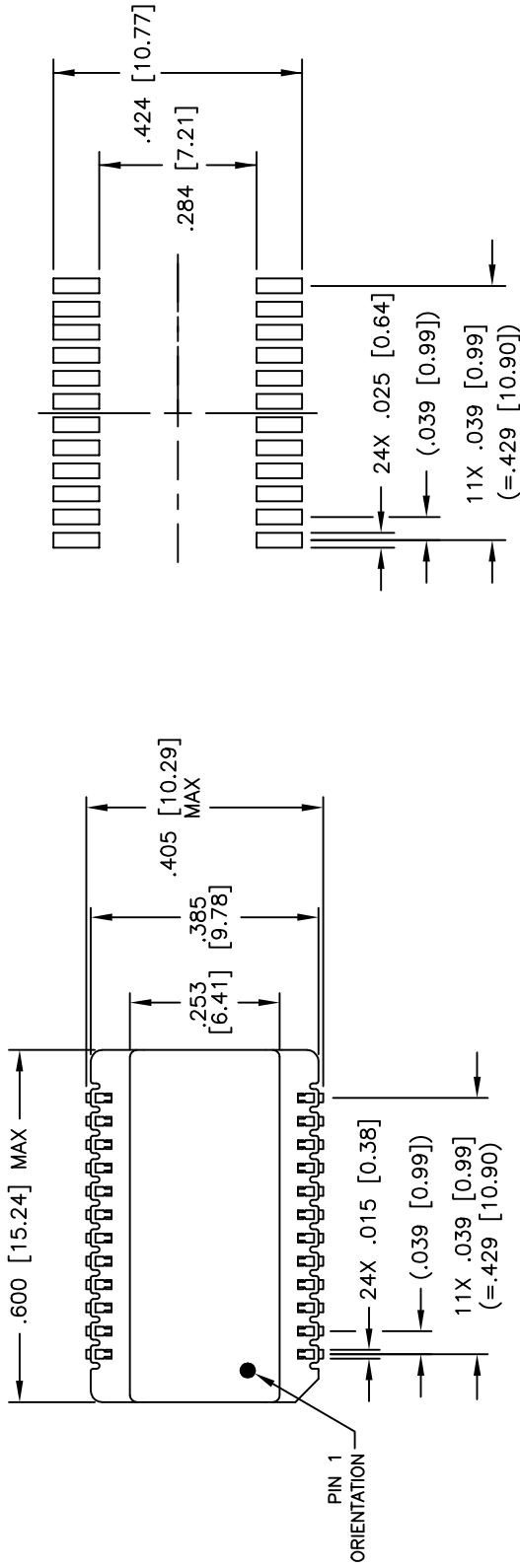
ELECTRICAL CHARACTERISTICS AT +25°C UNLESS OTHER SPECIFIED MEETS IEEE 802.3 SPECIFICATION

PARAMETER	SPECIFICATIONS	
OPERATING TEMP	0°C – 70 °C	
TURNS RATIO	1 : 1 ±2%	
POLARITY	PER SCHEMATIC	
INSERTION LOSS	100 KHz	1–125 MHz
	-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	40–100 MHz
	-16 dB MIN	-10+20*LOG <sub>10</sub> (f/80 MHz) dB MIN
INDUCTANCE (OCL) (MEDIA SIDE, 0°C–70°C)	350 uH MIN	(MEASURED AT 100 KHz, 100 mVRMS AND WITH 8 mA DC BIAS)
	1 MHz	10–100 MHz
CROSSTALK, ADJACENT CHANNELS	-50 dB MIN	-55+22*LOG <sub>10</sub> (f/10) dB MIN
	2 MHz	30–200 MHz
COMMON MODE REJECTION RATIO	-50 dB MIN	-15+20*LOG <sub>10</sub> (f/200) dB MIN
		1500 VRMS MIN @ 60 SECONDS

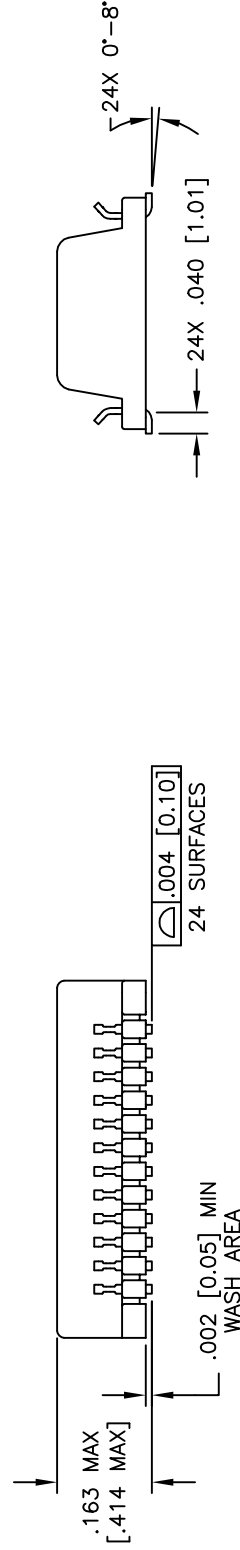
NOTE: f IS FREQUENCY IN MHZ.

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
MDL,SIN,1GD,1:1,SM,TU	H5084FNL-11	PS-2759.001-A	2 OF 3	H5084FNL	C



SUGGESTED LAND PATTERN



DIMENSIONS ARE IN INCH [MILLIMETERS] WITH THE FOLLOWING TOLERANCES: [MILLIMETER] 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,1GD,1:1,SM,TU	H5084FNL-11	PS-2759.001-A	3 OF 3	H5084FNL	C