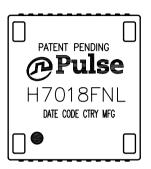
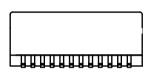




NOTES:

- 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 H7018FNL BECOMES H7018FNLT).







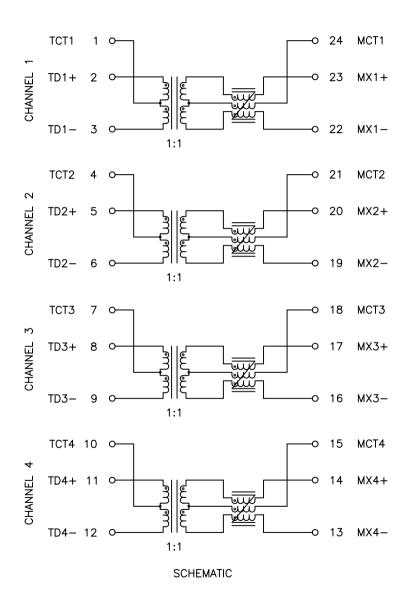
FINAL OUTLINE

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.	
MDL,SIN,10G,1:1,SM,TU	H7018FNL-10	PS-2578.002-B	1 OF 3	H7018FNL	A	







ELECTRICAL CHARACTERISTICS AT +25°C UNLESS OTHER SPECIFIED

MEETS IEEE 802.3 SPECIFICATION

PARAMETER	SPECIFICATIONS					
OPERATING TEMP	0°C - 70°C					
TURNS RATIO	1.00 ± 2%					
POLARITY	PER SCHEMATIC					
	100 KHz 1-500 MHz					
INSERTION LOSS	-3.0 dB MAX -1.0 dB MAX (6 dB TYP)					
RETURN LOSS	1-40 MHz	40 MHz-500 MHz				
$(Z OUT = 100 OHM \pm 1\%)$	-18 dB MIN	-17 + 10*LOG (f/40)				
INDUCTANCE (OCL)	120 uH TYP @ 100 kHz, 100 mV					
CROSSTALK, ADJACENT	1-100 N	1Hz	100	100-500 MHz		
CHANNELS	-40 dB MIN		-30	-30 dB MIN		
COMMON MODE	1-100 MHz	100-300	00-300 MHz 300-500			
REJECTION RATIO	-35 dB MIN	-30 dB	MIN	-25 dB MIN		
COMMON TO	1-250	MHz	25	250-500 MHz		
DIFFERENTIAL MODE REJECTION (CDMR)	-30 dB MIN		-:	-22 dB MIN		
INPUT — OUTPUT ISOLATION	1500 VRMS MIN @ 60 SECONDS					

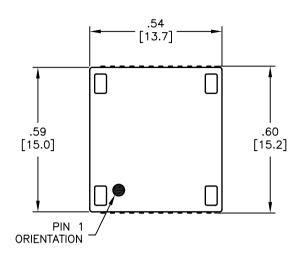
NOTE: f IS FREQUENCY IN MHz.

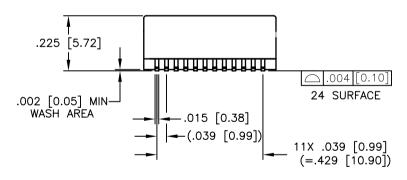
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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
MDL,SIN,10G,1:1,SM,TU	H7018FNL-10	PS-2578.002-B	2 OF 3	H7018FNL	Α

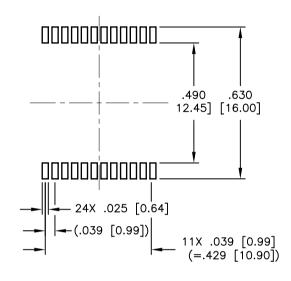




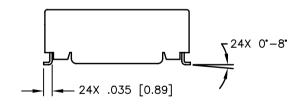




DIMENSIONS ARE IN INCHES [MILLIMETERS] WITH THE FOLLOWING TOLERANCES: [MILLIMETERS] ARE FOR REFERENCE ONLY. .XX= \pm .01 [\pm 0.25] .XXX= \pm .005 [\pm 0.13]



SUGGESTED LAND PATTERN



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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
MDL,SIN,10G,1:1,SM,TU	H7018FNL-10	PS-2578.002-B	3 OF 3	H7018FNL	A

Mouser Electronics

Authorized Distributor

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H7018FNL H7018FNLT