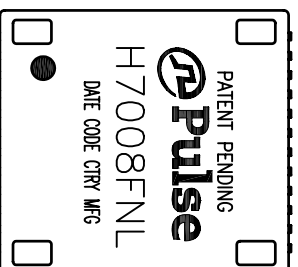




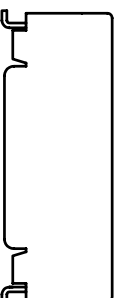
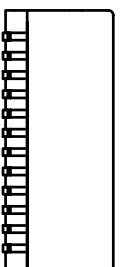
THE DATASHEET OF H7008FNLT



) WITH FLAMMABILITY
) +125°C



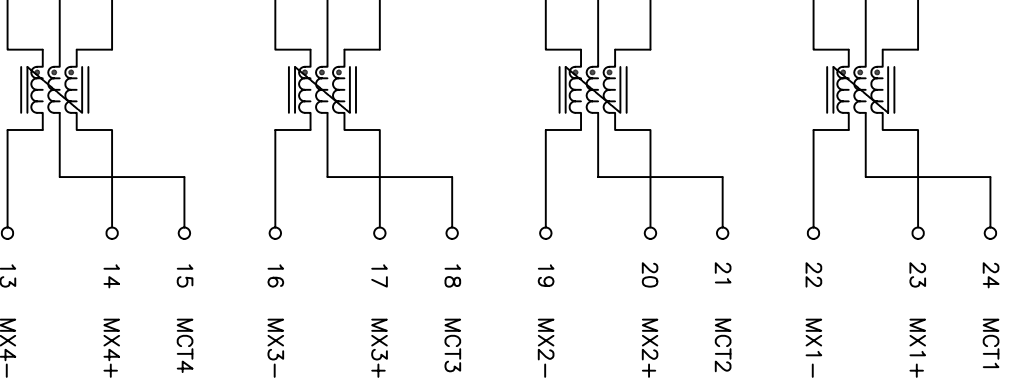
TTY AT 245°C REFLOW PROFILE
 O MOISTURE SENSITIVE
 MAXIMUM THROUGH REFLOW SOLDER
 NG ADD A "T" SUFFIX
 NL BECOMES H7008FNLT).



FINAL OUTLINE

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ITLA DRAWING H7008FNL-10	PS DRAWING PS-2578.002-B	SHEET 1 OF 3	PART NO. H7008FNL	DATASHEET REV. A
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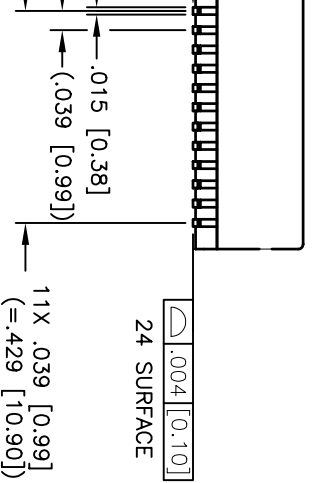
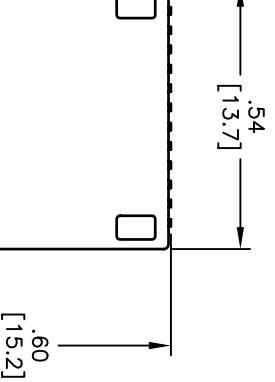
ELECTRICAL CHARACTERISTICS AT +25°C UNLESS OTHER SPECIFIED
MEETS IEEE 802.3 SPECIFICATION

PARAMETER	SPECIFICATIONS		
OPERATING TEMP	0°C – 70°C		
TURNS RATIO	1.00 ± 2%		
POLARITY	PER SCHEMATIC		
INSERTION LOSS	100 KHZ	1–500 MHZ	
	-3.0 DB MAX	-1.0 DB MAX (-.6 DB TYP)	
RETURN LOSS (Z OUT = 100 OHM ± 1%)	1–40 MHZ	40 MHZ–500 MHZ	
	-18 DB MIN	-17 + 10*LOG (f/40)	
INDUCTANCE (OCL)	200 uH MIN @ 100 KHZ, 100 mV		
	1–100 MHZ	100–500 MHZ	
CROSSTALK, ADJACENT CHANNELS	-40 DB MIN		
	-30 DB MIN		
COMMON MODE REJECTION RATIO	1–100 MHZ	100–300 MHZ	300–500 MHZ
	-35 DB MIN	-30 DB MIN	-25 DB MIN
	1–250 MHZ		250–500 MHZ
COMMON TO DIFFERENTIAL MODE REJECTION (CDMR)	-30 DB MIN		
	-22 DB MIN		
INPUT – OUTPUT ISOLATION	1500 VRMS MIN @ 60 SECONDS		

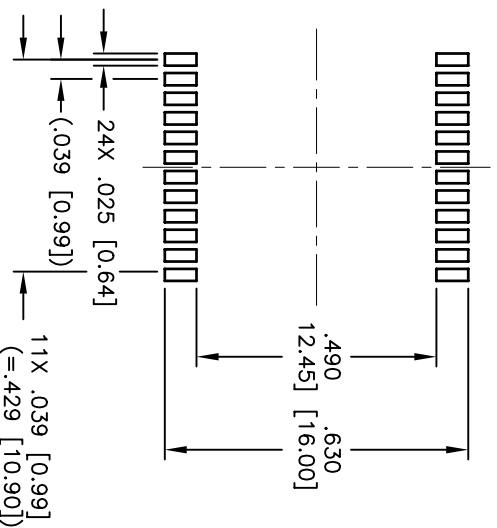
NOTE: f IS FREQUENCY IN MHZ.

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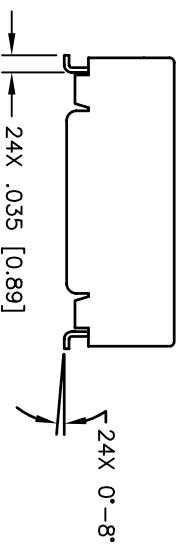
ITLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
77008FNL-10	PS-2578.002-B	2 OF 3	H7008FNL	A



WITH THE FOLLOWING REFERENCE ONLY.



SUGGESTED LAND PATTERN





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ITLA DRAWING 77008FNL-10	PS DRAWING PS-2578.002-B	SHEET 3 OF 3	PART NO. H7008FNL	DATASHEET REV. A
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