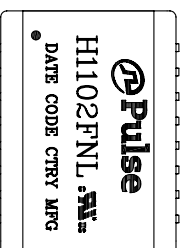




THE DATASHEET OF H1102FNLT



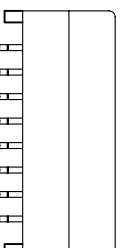
) WITH FLAMMABILITY
) +125°C



ITY AT 245°C REFLOW PROFILE

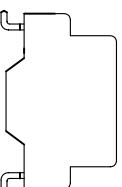
MOISTURE SENSITIVE

MAXIMUM THROUGH REFLOW SOLDER



NG ADD A "T" SUFFIX

NL BECOMES H1102FNLT).



FINAL OUTLINE

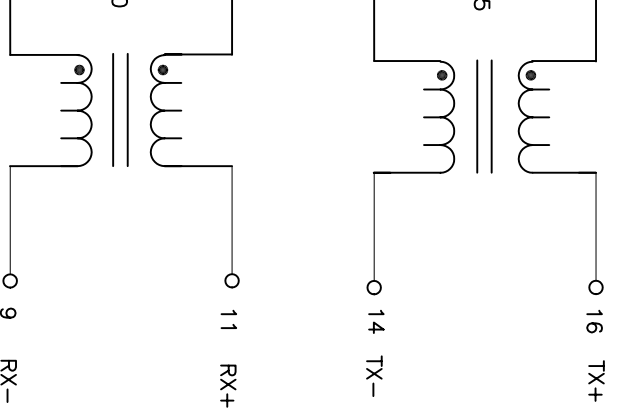
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ELECTRICAL CHARACTERISTICS AT +25°C UNLESS OTHER SPECIFIED
MEETS IEEE 802.3 SPECIFICATION

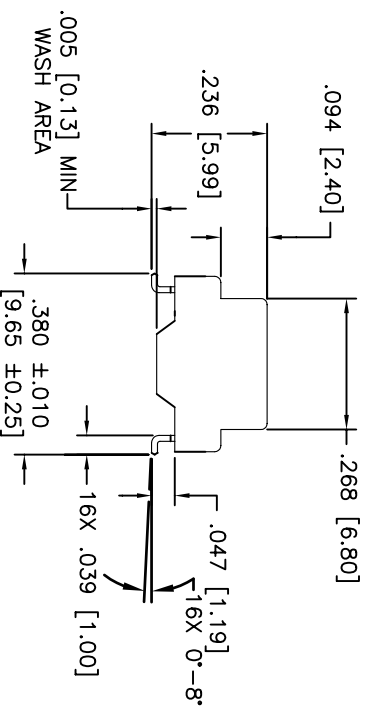
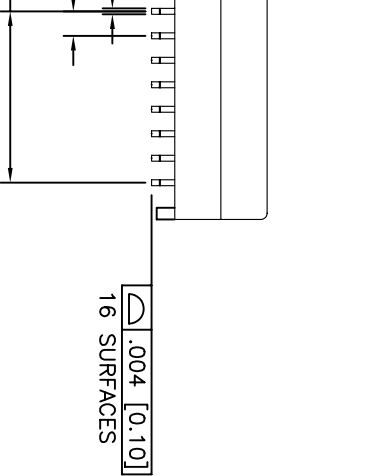
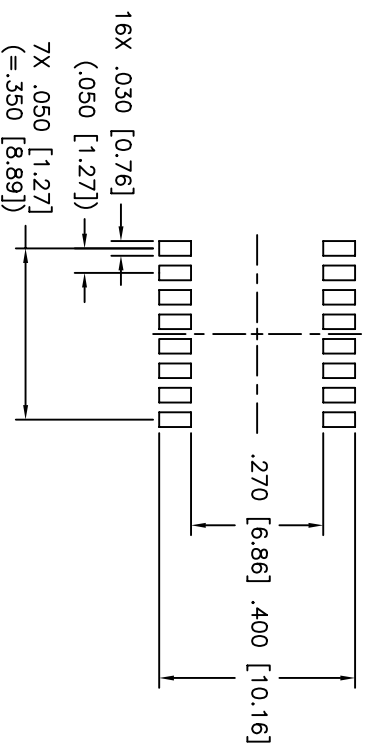
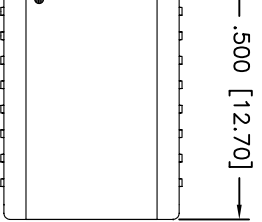
PARAMETER	SPECIFICATIONS			
OPERATING TEMPERATURE	0°C – 70 °C			
TURNS RATIO	1 : 1 ±2%			
POLARITY	PER SCHEMATIC			
INSERTION LOSS	100 KHz – 100 MHz -1.1 DB MAX			
RETURN LOSS, 1000BT (Z OUT = 100 OHM ±15%)	.1-30 MHz	30-60 MHz	60-80 MHz	
	-16 DB MIN	-10+20*LOG ₁₀ (f/60 MHz) DB MIN	-10 DB MIN	
INDUCTANCE (OCL) (MEDIA SIDE, 0°C-70°C)	350 uH MIN (MEASURED AT 100 KHz, 100 mV(RMS) (AND WITH 8 mA DC BIAS)			
CROSSTALK, ADJACENT CHANNELS	1 MHz	30 MHz	60 MHz	100 MHz
	-35 DB MIN	-35 DB MIN	-30 DB MIN	-30 DB MIN
DIFFERENTIAL TO COMMON MODE REJECTION	30 MHz	60 MHz	100 MHz	
	-42 DB MIN	-37 DB MIN	-30 DB MIN	
DC RESISTANCE, 1/2 WINDING	.65 OHMS MAX			
DC RESISTANCE IMBALANCE	±.065 OHMS MAX (CENTER TAP SYMMETRY)			
INPUT – OUTPUT ISOLATION	1500 VRMS MIN @ 60 SECONDS			

NOTE: f IS FREQUENCY IN MHZ.



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SHEET
3 OF 3

PART NO.
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-  Shortage Management
-  Alternative Solution
-  Excess Inventory Management