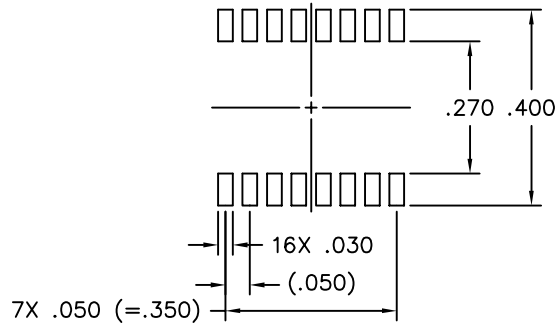
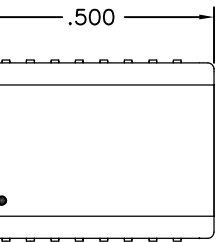


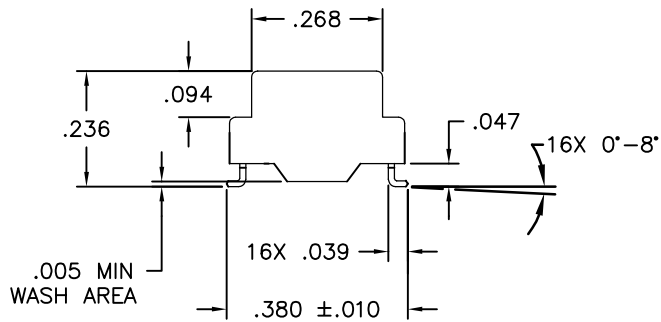
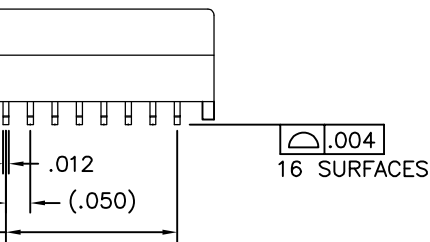
ELECTRICAL CHARACTERISTICS AT +25°C UNLESS OTHERWISE SPECIFIED  
 (FOR REFERENCE ONLY. USED FOR CUSTOMER INFORMATION.)

PARAMETER	SPECIFICATIONS	
OPERATING TEMP	0°C TO +70°C	
URNS RATIO	1.00 ± 2%	
POLARITY	PER SCHEMATIC	
INSERTION LOSS	100 KHz	1–125 MHz
	–.3 dB MAX	–.3–.002*f <sup>1.31</sup>
RETURN LOSS (Z OUT = 100 OHM ±15%)	.1–40 MHz	40–100 MHz
	–18 dB MIN	–12+20*LOG <sub>10</sub> (f/80 MHz) dB MIN
INDUCTANCE (OCL) (MEDIA SIDE, 0°C~+70°C)	1200 uH MINIMUM( MEASURED AT 100 KHz, 100 mVRMS ) AND WITH 8 mA DC BIAS )	
URNS RATIO	(1–3) : (16–14) = 1:1 ±1% (6–8) : (11–9) = 1:1 ±1%	
DC RESISTANCE	0.8 OHMS MAX	
LEAKAGE INDUCTANCE	0.35 uH MAX	
DC RESISTANCE BALANCE	±.065 OHMS	
INPUT – OUTPUT ISOLATION	1500 VRMS MIN @ 60 SECONDS	

NOTE: f IS FREQUENCY IN MHz.



SUGGESTED LAND PATTERN



FOLLOWING  
LY.

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PS DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
H1197FNL-13	PS-2005.002-D	3 OF 3	H1197FNL	B

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