



THE DATASHEET OF HX2326NL



TERIAL WITH FLAMMABILITY

O +125°C

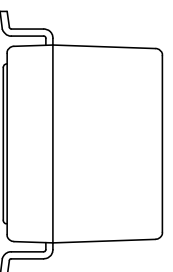
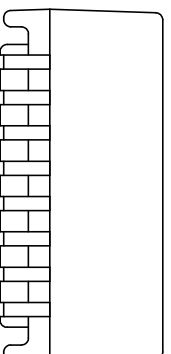
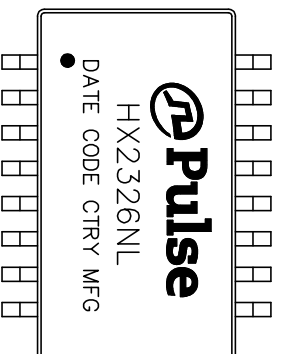
ILITY AT 245°C REFLOW PROFILE

MOISTURE SENSITIVE

MAXIMUM THROUGH REFLOW SOLDER

NG ADD A "T" SUFFIX

NL BECOMES HX2326NLT).



FINAL OUTLINE

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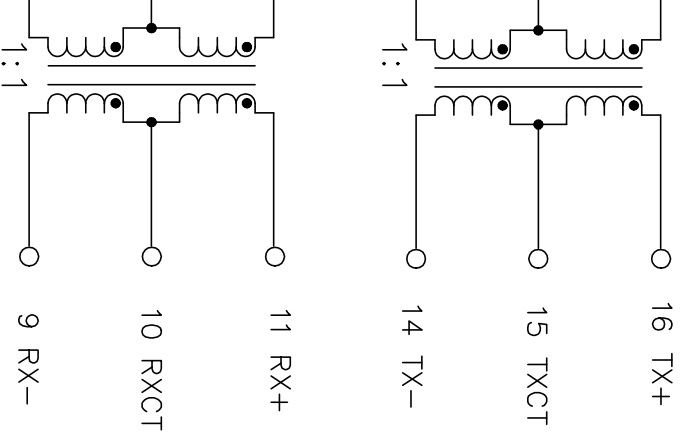
TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
HX2326NL-12	PS-2005.001-G	1 OF 3	HX2326NL	B

SEELECTRONICS.COM(Asia) PHONE: USA: 858 674 8100, GERMANY: 49 7032 78060, SINGAPORE: 65 6287 8998, SHANGHAI: 86 21 62787060, TAIWAN: 886 3 4356768

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

PARAMETER	SPECIFICATIONS		
OPERATING TEMP	-40°C TO +85°C		
TURNS RATIO	1.00 ± 2%		
POLARITY	PER SCHEMATIC		
INSERTION LOSS	100 KHZ	1-125 MHZ	
	-1.2 DB MAX	-0.2-0.002*f ^{1.4} 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, AT 100KHZ, 0.1V _{DC} -40°C ~ +85°C)		
CROSS-TALK, ADJACENT CHANNELS	1 MHZ	10-100 MHZ	
	-50 DB MIN	-55+22*LOG ₁₀ (f/10) DB MIN	
COMMON MODE REJECTION RATIO	2 MHZ	30-200 MHZ	
	-45 DB MIN	-7+28*LOG ₁₀ (f/200) DB MIN	
DC RESISTANCE, 1/2 WINDING	.75 OHMS MAX		
DC RESISTANCE IMBALANCE	±.065 OHMS MAX (CENTER TAP SYMMETRY)		
DC CURRENT/VOLTAGE RATING - PSE PINS	600 mA, @ 57 V (CONTINUOUS)		
INPUT - OUTPUT ISOLATION	1500 VRMS MIN AT 60 SECONDS		

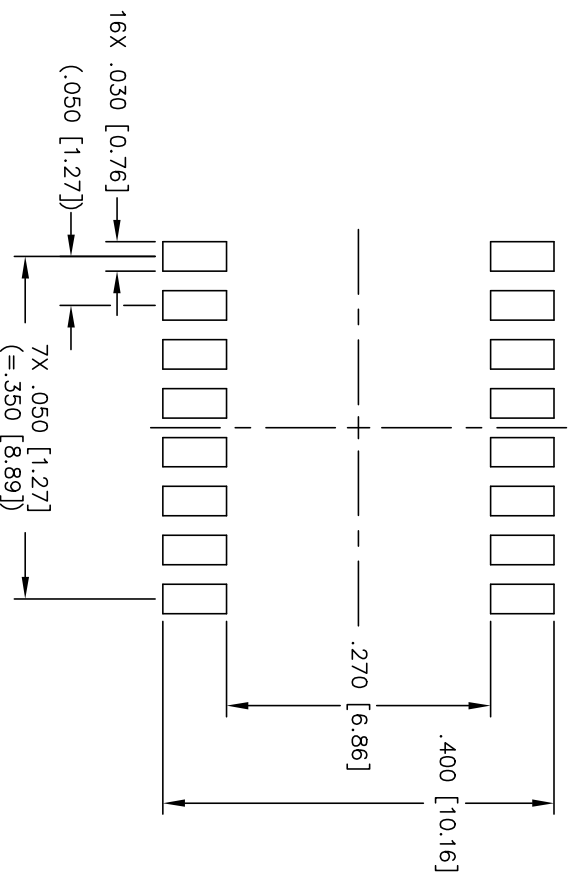
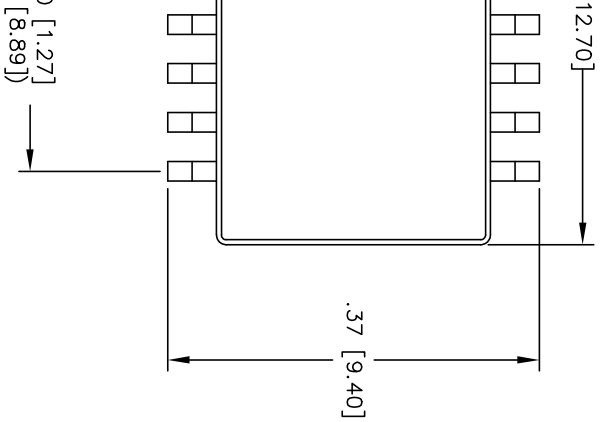
NOTES: f IS FREQUENCY IN MHZ.



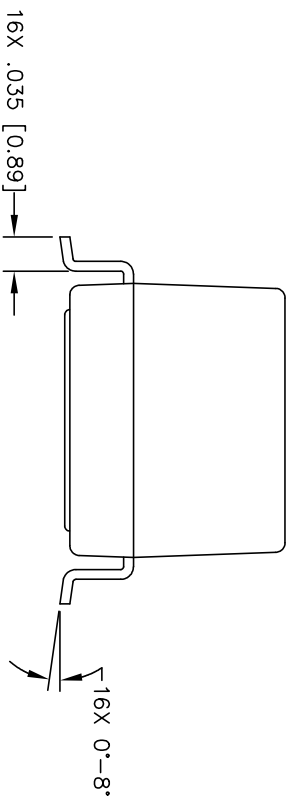
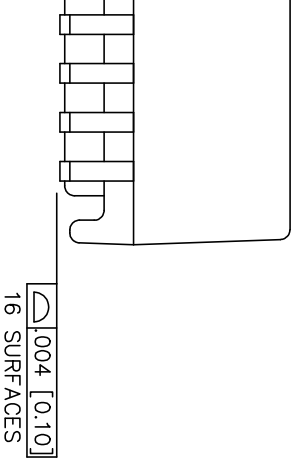
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SUGGESTED LAND PATTERN



WITH THE FOLLOWING
REFERENCE ONLY.

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