

H0126NL  
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1. 

NOTICE:	THIS IS A RoHS COMPLIANT COMPONENT/PRODUCT.
RoHS 	ALL ENGINEERING CHANGES MUST HAVE PRIOR APPROVAL BY THE DESIGN CENTER.

- 2. OPERATING TEMPERATURE: 0°C TO +70°C
- 3. STORAGE TEMPERATURE: -20°C TO +125°C
- 4. JEDEC MOISTURE: LEVEL 1

C


C

B

B

A

A

		DATASHEET	
TITLE			
MDL,SIN,100D,1:1,SM,TU			
SIZE	CAGE CODE	DWG. NO.	REV.
B	01961	H0126NL	M11
SCALE	CADD FILE	SHEET	
NONE	H0126NL-1	1 OF 3	

120C12004

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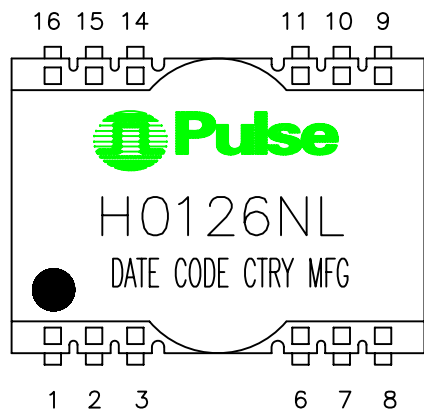
3

2

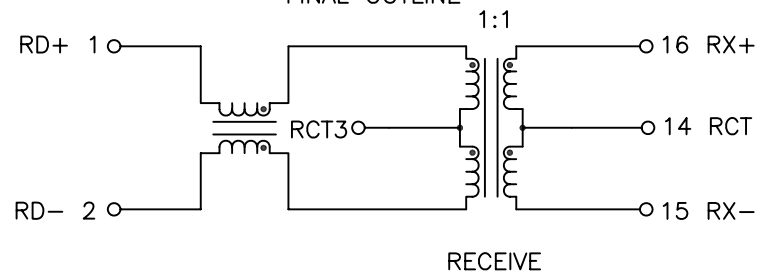
1

H0126NL

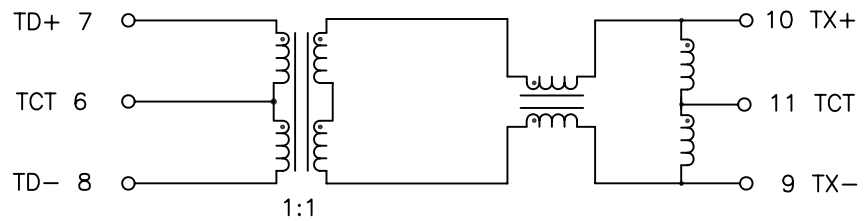
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FINAL OUTLINE



RECEIVE



TRANSMIT

SCHEMATIC

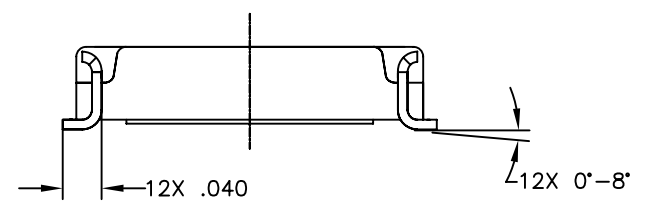
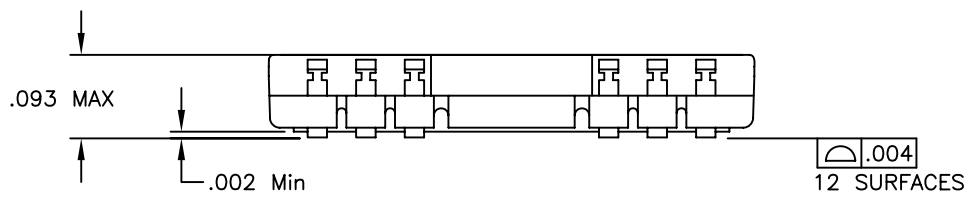
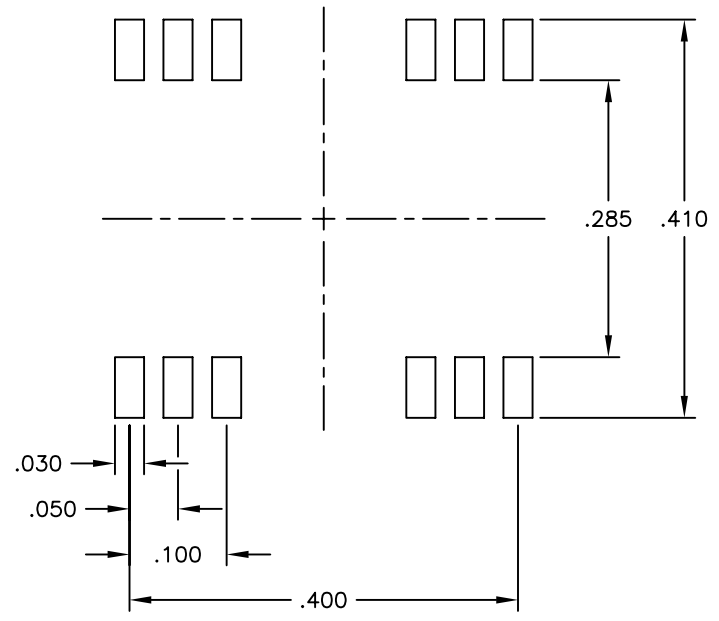
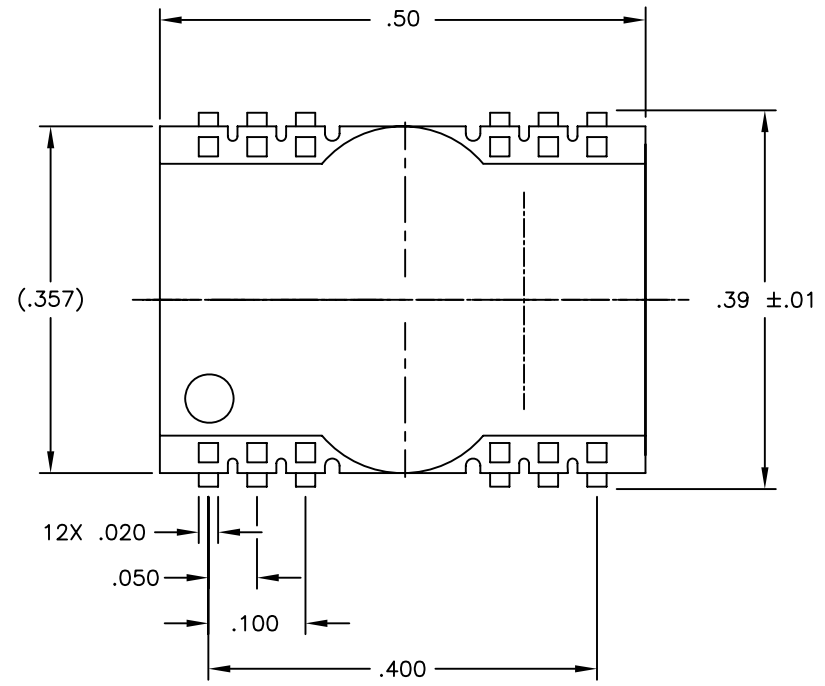
ELECTRICAL @ 25°C

PARAMETER	SPECIFICATIONS	
	100 KHz	1-125 MHz
INSERTION LOSS	-1.2 dB MAX	-0.2-0.002*f <sup>1.4</sup> dB MAX
RETURN LOSS (Z OUT = 100 OHM ±15%)	.1-30 MHz	30-60 MHz
	-16 dB MIN	-10+20*LOG <sub>10</sub> (f/60 MHz) dB MIN
INDUCTANCE (OCL) (MEDIA SIDE, 0°C-70°C)	350 uH MIN	(MEASURED AT 100 KHz, 100 mVRMS AND WITH 8 mA DC BIAS)
CROSSTALK, ADJACENT CHANNELS	1 MHz	10-100 MHz
	-50 dB MIN	-50+17*LOG <sub>10</sub> (f/10) dB MIN
DIFFERENTIAL TO COMMON MODE REJECTION	5-200 MHz	
	-50+17 LOG <sub>10</sub> (f/5 MHz) dB MIN	
DC RESISTANCE 1/2 WINDING	.60 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.

SIZE	CAGE CODE	DWG. NO.	REV.
B	01961	H0126NL	M11
SCALE	NONE	CADD FILE	SHEET
		H0126NL-2	2 OF 3

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UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES TOLERANCES ARE:		SIZE	CAGE CODE	DWG. NO.	REV.
DECIMALS	ANGLES	B01961	H0126NL	M11	
.XX ±.01	± 1°	SCALE NONE	CADD FILE H0126NL-3	SHEET 3 OF 3	
.XXX ±.005					

PS-2414.001-A

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