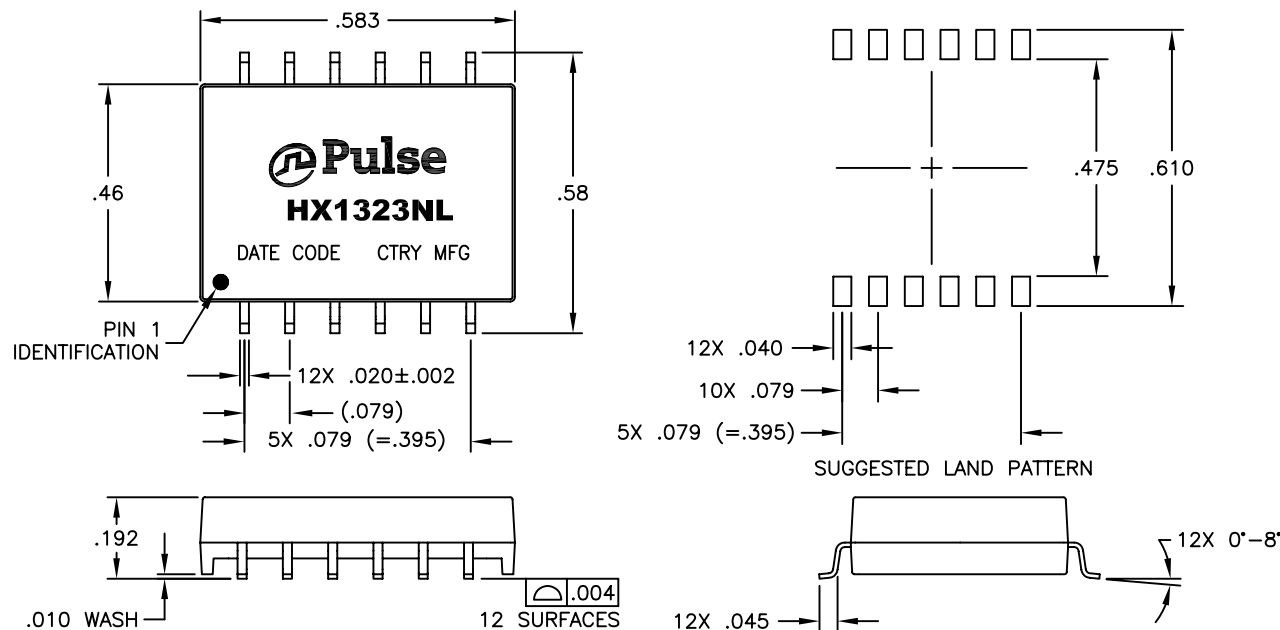


NOTES: UNLESS OTHERWISE SPECIFIED

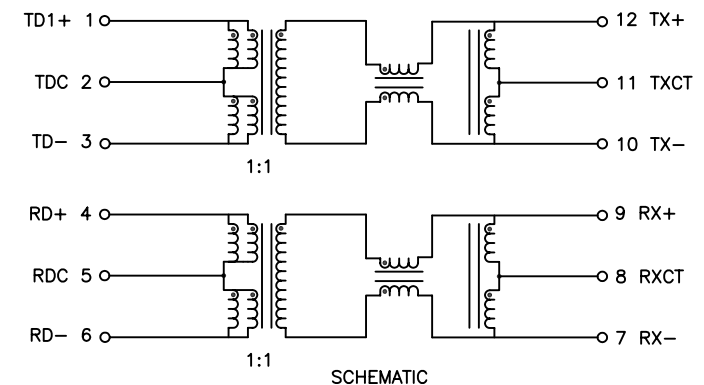
- | | |
|---------|--|
| NOTICE: | THIS IS A RoHS COMPLIANT COMPONENT/PRODUCT. |
| RoHS | ALL ENGINEERING CHANGES MUST HAVE PRIOR APPROVAL BY THE DESIGN CENTER. |
- PLASTIC: THERMOSET PLASTIC MATERIAL WITH FLAMMABILITY RATING UL 94V-0 OR BETTER.
- SOLDERABILITY: CONFORMS TO ANSI/J-STD-002, 245°C REFLOW PEAK TEMPERATURE PER IPC/EIA J-STD-003A
- OPERATING TEMPERATURE: -40°C TO +85°C
- STORAGE TEMPERATURE: -50°C TO +125°C
- JEDEC MOISTURE: LEVEL 3.
- DIMENSIONS ARE IN INCHES, TOLERANCES:
.XX = ±.01 .XXX = ±.005



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

PARAMETER	SPECIFICATIONS		
OPERATING TEMP	-40°C TO +85 °C		
URNS RATIO	1 : 1 ±2%		
	PER SCHEMATIC		
INSERTION LOSS	100 KHz	1-100 MHz	125 MHz
	-1.2 dB MAX	-1.0 dB MAX	-3.0 dB MAX
RETURN LOSS (Z OUT = 100 OHM ±15%)	.1-40 MHz		40-100 MHz
	-16 dB MIN		-10+20*LOG ₁₀ (f/80 MHz) dB MIN
	-18 dB MIN (100 OHMS)		
INDUCTANCE (OCL) (MEDIA SIDE, -40°C-85°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	-33+20*LOG ₁₀ (f/50) dB MIN	
COMMON MODE REJECTION RATIO	0.1-100 MHz		
	-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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PULSE CONFIDENTIAL & PROPRIETARY	PRODUCT DESCRIPTION	PS DRAWING	SHEET:	DWG. NO./ PART NO.	REV.
	MDL,SIN,100D,1:1,SM,TU	PS-0023.002-A	1	HX1323NL	M12