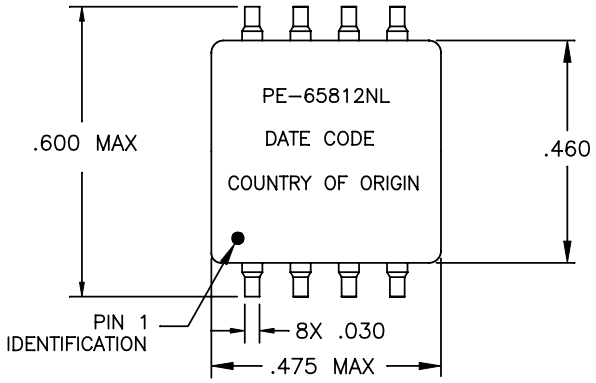
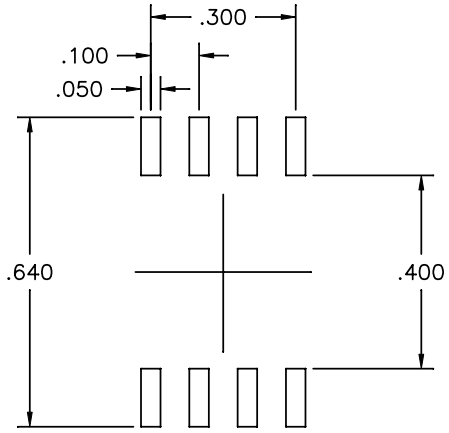
Pulse Electronics
www.pulseelectronics.com

NOTES: UNLESS OTHERWISE SPECIFIED

1. NOTICE: RoHS ✓ — THIS IS A RoHS COMPLIANT COMPONENT/PRODUCT. ALL ENGINEERING CHANGES MUST HAVE PRIOR APPROVAL BY THE DESIGN CENTER.
2. **PLASTIC: THERMOSET PLASTIC MATERIAL WITH FLAMMABILITY RATING UL 94V-0 OR BETTER.**
3. SOLDERABILITY: CONFORMS TO ANSI/J-STD-002, 245°C REFLOW PEAK TEMPERATURE PER IPC/EIA J-STD-003A
4. OPERATING TEMPERATURE: 0°C TO +70°C
5. STORAGE TEMPERATURE: -20°C TO +125°C
6. JEDEC MOISTURE: LEVEL 1
7. DIMENSIONS ARE IN INCHES WITH THE FOLLOWING TOLERANCES:
   .XX = ±.02 .XXX= ±.010

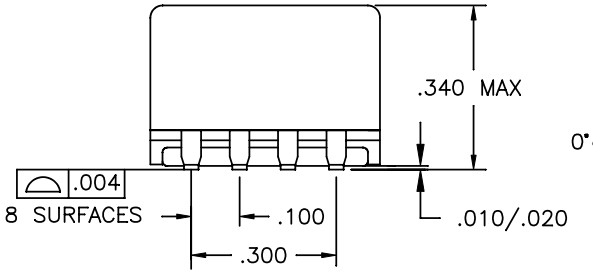


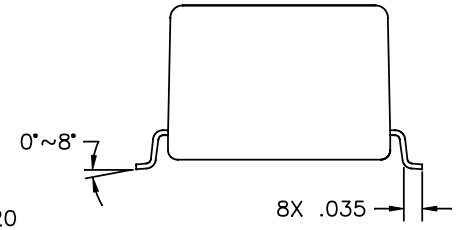


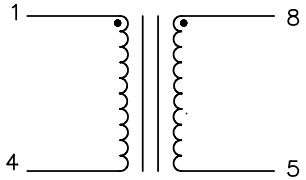
SUGGESTED LAND PATTERN

ELECTRICAL CHARACTERISTICS AT +25°C UNLESS OTHER SPECIFIED

No.	PARAMETER	SPECIFICATION					
1	TURNS RATIO @10 KHZ, 0.2 VRMS	$\frac{(1-4)}{(8-5)}$ = 1.00 ±2%					
2	INDUCTANCE @100 KHZ, 0.02 VRMS	(1-4) = 2.5 mH ±20%					
3	LEAKAGE INDUCTANCE (LL) @100 KHZ, 0.02 VRMS	(1-4) WITH (8-5) SHORTED = 0.35 uH MAXIMUM					
4	CWW @100 KHZ, 0.02 VRMS	(1-4) TO (8-5) = 40 pF MAXIMUM					
5	INSERTION LOSS	100 KHz TO 55 MHz					
		-3 dB MAXIMUM					
6	RETURN LOSS	100 KHz			10 MHz		
		-22 dB MINIMUM			-20 dB MINIMUM		
7	COMMON MODE REJECTION	100 KHZ	1 MHZ	3 MHZ	6 MHZ	10 MHZ	30 MHZ
		-75 dB	-70 dB	-60 dB	-50 dB	-40 dB	-25 dB
8	HIPOT:	2000 VAC FOR 60 SECONDS					







SCHEMATIC

PULSE CONFIDENTIAL & PROPRIETARY	PRODUCT DESCRIPTION	PS DRAWING	SHEET:	DWG. NO./ PART NO.	REV.
	XFMR,SGL,DGTL/AUD,LA,1:1,RL	-	1	PE-65812NL	M14