Pulse Electronics
www.pulseelectronics.com

NOTES: UNLESS OTHERWISE SPECIFIED

1. **WARNING:** THIS COMPONENT IS RECOGNIZED BY ONE OR MORE SAFETY AGENCIES SUCH AS UL, VDE, CSA AND/OR TUV. ALL ENGINEERING CHANGES MUST HAVE PRIOR APPROVAL BY THE DESIGN CENTER PRODUCT SAFETY DEPARTMENT FOR SAFETY AGENCY COMPLIANCE.

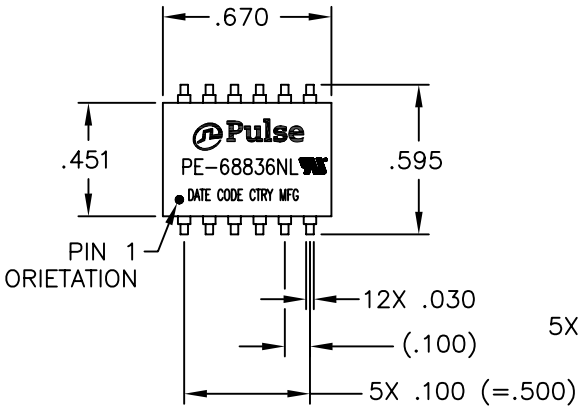
   ECN APPROVAL:
   QA APPROVAL:
   DATE:

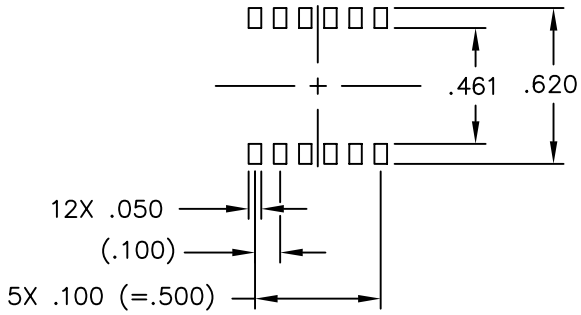
2. **NOTICE:** RoHS — THIS IS A RoHS COMPLIANT COMPONENT/PRODUCT. ALL ENGINEERING CHANGES MUST HAVE PRIOR APPROVAL BY THE DESIGN CENTER.

3. PLASTIC: THERMOSET PLASTIC MATERIAL WITH FLAMMABILITY RATING UL 94V-0 OR BETTER.
4. SOLDERABILITY: CONFORMS TO ANSI/J-STD-002, 245°C REFLOW PEAK TEMPERATURE PER IPC/EIA J-STD-003A.
5. OPERATING TEMPERATURE: 0°C TO +70°C
6. STORAGE TEMPERATURE: -20°C TO +125°C
7. JEDEC MOISTURE: LEVEL 3.
8. DIMENSIONS ARE IN INCHES, TOLERANCES:
   .XX = ±.01 .XXX= ±.005

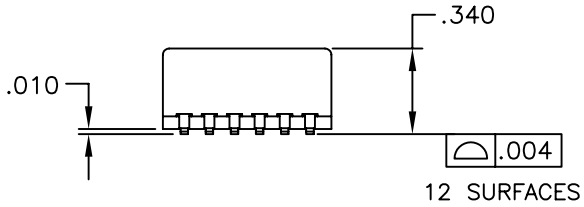
ELECTRICAL CHARACTERISTICS AT +25°C UNLESS OTHERWISE SPECIFIED
(FOR REFERENCE ONLY. USED FOR CUSTOMER INFORMATION.)

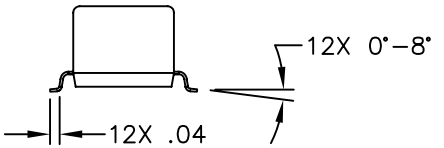
PARAMETER	SPECIFICATIONS
TURNS RATIO @ 10 KHZ, 0.1 VRMS	$\frac{(1-3)}{(12-10)} = \frac{(4-6)}{(9-7)}$ = 1.265 ±2% $\frac{(2-3)}{(12-10)} = \frac{(5-6)}{(9-7)}$ = 1.0 ±2%
PRIMARY INDUCTANCE (OCL) @ 100 KHZ, 0.02 VRMS	(9-7) = (12-10) = 1.5 mH MINIMUM
CWW @ 100 KHZ, 0.02 VRMS	(1-3) TO (12-10) = 45 pF MAXIMUM (4-6) TO (9-7) = 45 pF MAXIMUM
LEAKAGE INDUCTANCE (LL) @ 100 KHZ, 0.02 VRMS	(12-10) TO (1-3) SHORTED = .4 uH MAXIMUM (9-7) TO (4-6) SHORTED = .4 uH MAXIMUM
DC RESISTANCE (DCR)	(1-3) = (4-6) = 1.0 OHM MAXIMUM (12-10) = (9-7) = .8 OHM MAXIMUM
INPUT – OUTPUT ISOLATION	1500 VRMS FOR 1 MINUTE

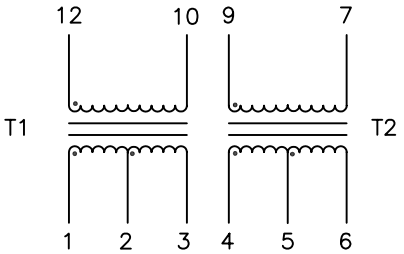




SUGGESTED LAND PATTERN







SCHEMATIC

PULSE CONFIDENTIAL & PROPRIETARY	PRODUCT DESCRIPTION	PS DRAWING	SHEET:	DWG. NO./ PART NO.	REV.
	XFMR,DUAL,T1,AN,1/1.26:1,NL	PS-0060.001-C	1	PE-68836NL	M12