
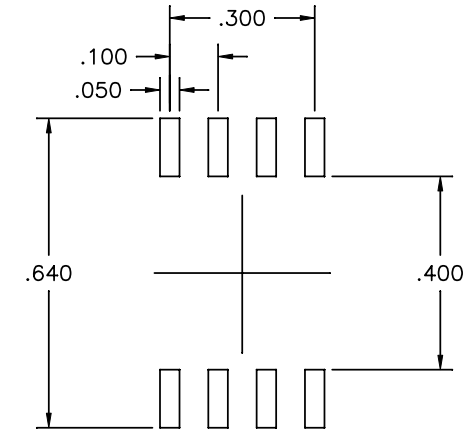
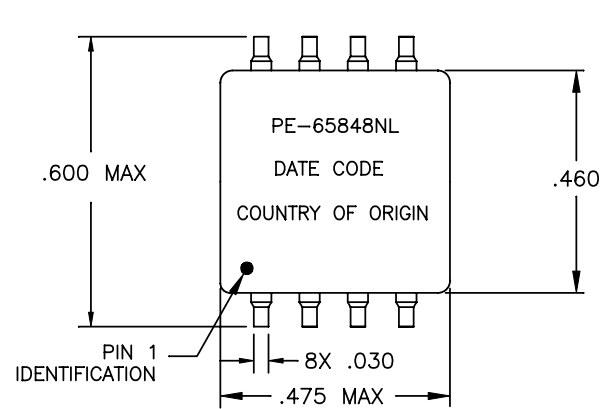


NOTES: UNLESS OTHERWISE SPECIFIED

1.

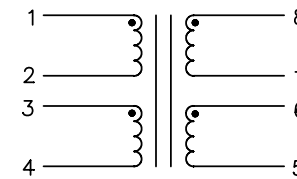
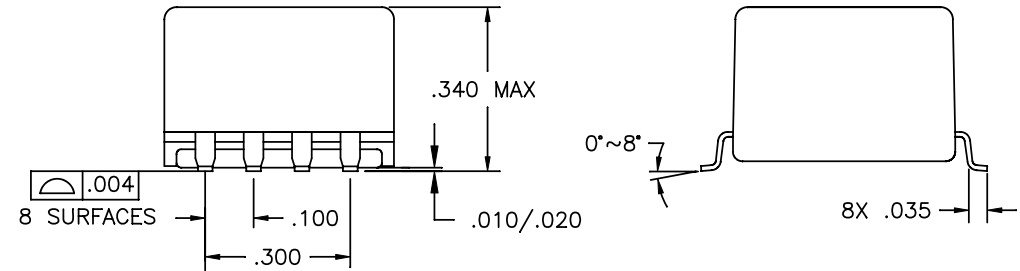
| | |
|---|--|
| NOTICE: | THIS IS A RoHS COMPLIANT COMPONENT/PRODUCT. ALL ENGINEERING CHANGES MUST HAVE PRIOR APPROVAL BY THE DESIGN CENTER. |
| RoHS  | |
2. PLASTIC: THERMOSET PLASTIC MATERIAL WITH FLAMMABILITY RATING UL 94V-0 OR BETTER.
3. SOLDERABILITY: CONFORMS TO ANSI/J-STD-002, 245°C REFLOW PEAK 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 | URNS RATIO @.10 KHZ, 0.2 VRMS | $\frac{(1-2)}{(3-4)} = \frac{(1-2)}{(8-7)} = \frac{(8-7)}{(6-5)} = 1 \pm 2\%$ | |
| 2 | PRIMARY INDUCTANCE: @.10 VRMS, 100 KHZ | (8-5) WITH (7-6) SHORTED = 3.5 mH MINIMUM, 6.5 mH MAXIMUM (8-5) WITH (7-6) SHORTED = 3.0 mH MINIMUM AT 0°C | |
| 3 | LEAKAGE INDUCTANCE (LL) @.02 VRMS, 100 KHZ | (8-5) WITH (7-6),(1-4),(2-3) SHORTED = .80 uH MAXIMUM | |
| 4 | CWW @.02 mVRMS, 100 KHZ | (1-4) TO (8-5) WITH (2-3),(7-6) SHORTED = 40 pF MAXIMUM | |
| 5 | DCR: | 0.50 OHMS MAXIMUM | |
| 6 | DISTRIBUTED CAPACITANCE: @.02 VRMS, 3 MHZ | (8-5) WITH (7-6) SHORTED = 11 pF MAXIMUM | |
| 7 | CMRR | 1 MHZ | 8 MHZ |
| | | -40 dB MINIMUM | -26 dB MINIMUM |
| 8 | HIPOT: | 1500 VRMS FOR 60 SECONDS | |



SCHEMATIC

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| | | | | | |
|--|----------------------------|------------|--------|--------------------|------|
| PULSE CONFIDENTIAL & PROPRIETARY | PRODUCT DESCRIPTION | PS DRAWING | SHEET: | DWG. NO./ PART NO. | REV. |
| | XFMR,SGL,ECH,LA, 1.25MB,NL | - | 1 | PE-65848NL | M12 |

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