
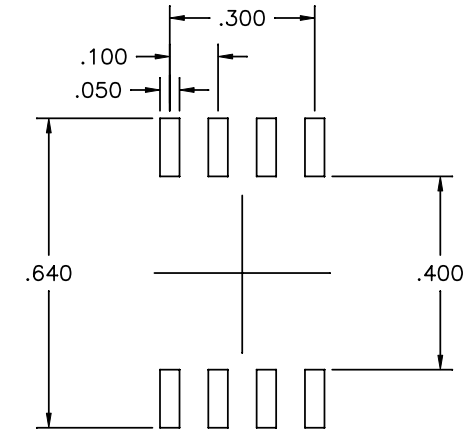
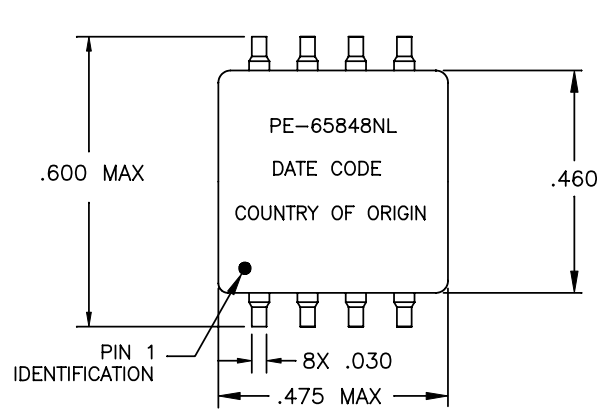


NOTES: UNLESS OTHERWISE SPECIFIED

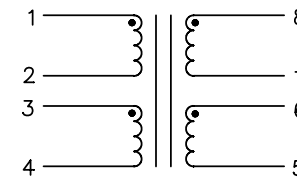
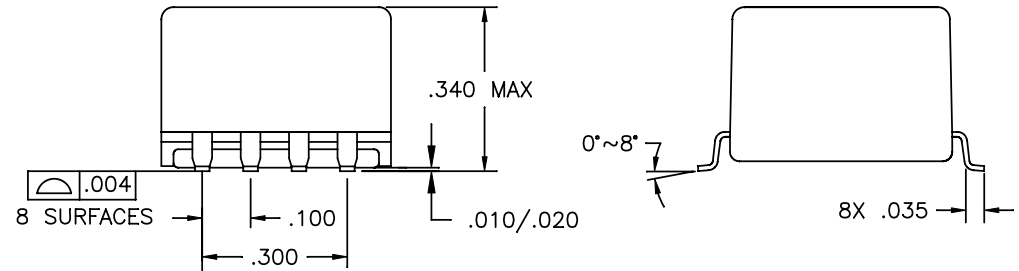
- |         |  |
|---------|--|
| NOTICE: | THIS IS A RoHS COMPLIANT COMPONENT/PRODUCT. ALL ENGINEERING CHANGES MUST HAVE PRIOR APPROVAL BY THE DESIGN CENTER. |
| RoHS    |                                   |
- PLASTIC: THERMOSET PLASTIC MATERIAL WITH FLAMMABILITY RATING UL 94V-0 OR BETTER.
- SOLDERABILITY: CONFORMS TO ANSI/J-STD-002, 245°C REFLOW PEAK TEMPERATURE PER IPC/EIA J-STD-003A
- OPERATING TEMPERATURE: 0°C TO +70°C
- STORAGE TEMPERATURE: -20°C TO +125°C
- JEDEC MOISTURE: LEVEL 1
- 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<br>@.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:<br>@.10 VRMS, 100 KHZ     | (8-5) WITH (7-6) SHORTED = 3.5 mH MINIMUM, 6.5 mH MAXIMUM<br>(8-5) WITH (7-6) SHORTED = 3.0 mH MINIMUM AT 0°C |                |
| 3   | LEAKAGE INDUCTANCE (LL)<br>@.02 VRMS, 100 KHZ | (8-5) WITH (7-6),(1-4),(2-3) SHORTED = .80 uH MAXIMUM   |                |
| 4   | CWW<br>@.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:<br>@.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<br>&<br>PROPRIETARY | PRODUCT DESCRIPTION        | PS DRAWING | SHEET: | DWG. NO./ PART NO. | REV. |
|  | XFMR,SGL,ECH,LA, 1.25MB,NL | -          | 1      | PE-65848NL         | M12  |