



SHIELDED POWER INDUCTOR DR340-2 SERIES

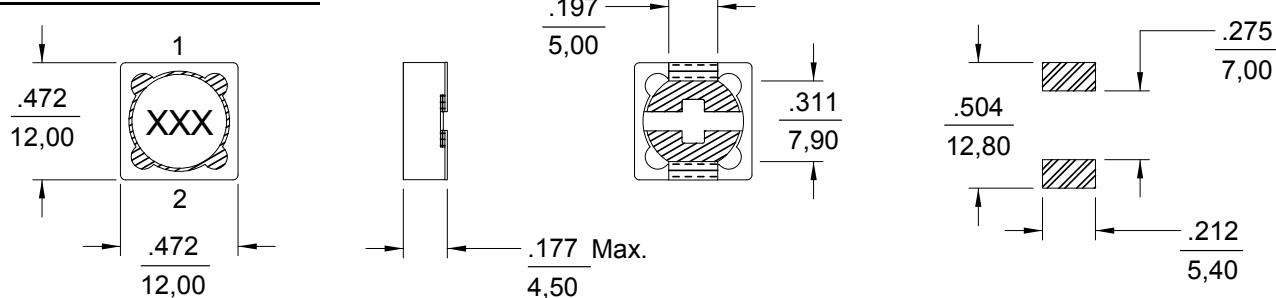


Features

- Maximum Height: 4.50mm
- Footprint: 12mm x 12mm Max.
- Inductance Range from 3.9 μ H to 330 μ H
- Non-RoHS Versions are Available (Note 7)

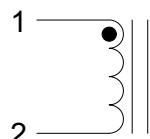
| ELECTRICAL SPECIFICATIONS AT 25°C | | OPERATING TEMPERATURE -20°C to +80°C | | |
|-----------------------------------|---------------------------------|--------------------------------------|-----------------------|--------------|
| Part Number | Inductance (μ H) \pm 20% | Test Frequency | DCR (Ω) Max. | IDC (A) Max. |
| DR340-2-392 | 3.9 | 100kHz | 0.015 | 6.5 |
| DR340-2-472 | 4.7 | 100kHz | 0.018 | 5.7 |
| DR340-2-682 | 6.8 | 100kHz | 0.023 | 4.9 |
| DR340-2-103 | 10 | 100kHz | 0.028 | 4.5 |
| DR340-2-123 | 12 | 100kHz | 0.038 | 4.0 |
| DR340-2-153 | 15 | 100kHz | 0.050 | 3.2 |
| DR340-2-183 | 18 | 1kHz | 0.057 | 3.1 |
| DR340-2-223 | 22 | 1kHz | 0.066 | 2.9 |
| DR340-2-273 | 27 | 1kHz | 0.080 | 2.8 |
| DR340-2-333 | 33 | 1kHz | 0.097 | 2.7 |
| DR340-2-393 | 39 | 1kHz | 0.132 | 2.1 |
| DR340-2-473 | 47 | 1kHz | 0.150 | 1.9 |
| DR340-2-563 | 56 | 1kHz | 0.190 | 1.8 |
| DR340-2-683 | 68 | 1kHz | 0.220 | 1.5 |
| DR340-2-823 | 82 | 1kHz | 0.260 | 1.3 |
| DR340-2-104 | 100 | 1kHz | 0.308 | 1.2 |
| DR340-2-124 | 120 | 1kHz | 0.380 | 1.1 |
| DR340-2-154 | 150 | 1kHz | 0.530 | 0.95 |
| DR340-2-184 | 180 | 1kHz | 0.620 | 0.85 |
| DR340-2-224 | 220 | 1kHz | 0.700 | 0.8 |
| DR340-2-274 | 270 | 1kHz | 0.876 | 0.6 |
| DR340-2-334 | 330 | 1kHz | 0.990 | 0.5 |

MECHANICAL OUTLINES



NOTES:

1. Dimensions are shown in inches/millimeters
2. Unless otherwise specified, tolerance = Inches: ± 0.012
= Millimeters: ± 0.30
3. IDC MAX based on the inductance being 75% of its initial value
4. Tape & reel quantity, 500 pcs/reel
5. Terminal finish is compliant to RoHS requirements
6. Solder in accordance with J-STD-002 Rev. D
7. Non-RoHS series parts 42-340-2-XXX are finished with leaded solder Sn60Pb40 or equivalent



SCHEMATIC