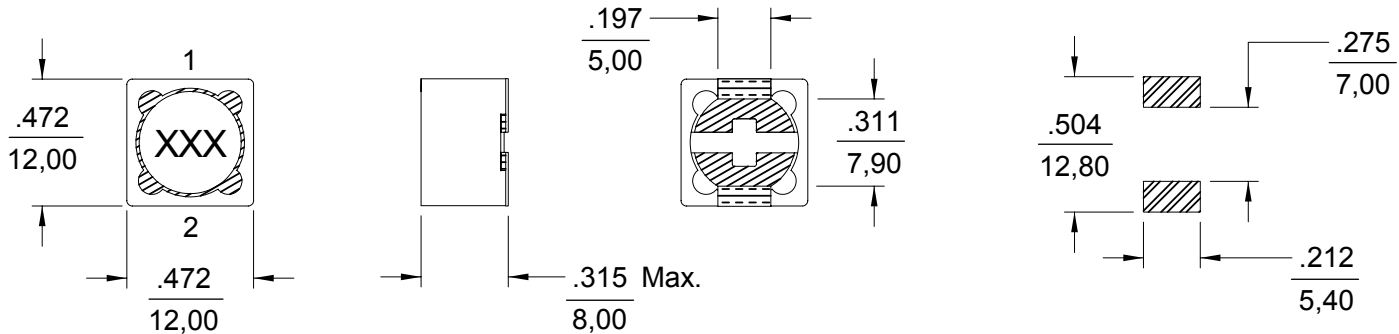


SHIELDED POWER INDUCTOR DR340-1 SERIES
Features

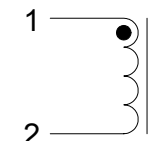
- Maximum Height: 8.0mm
- Footprint: 12mm x 12mm Max.
- Inductance Range from 1.2 μ H to 47 μ H
- Non-RoHS Versions are Available (Note 5)


ELECTRICAL SPECIFICATIONS AT 25°C
OPERATING TEMPERATURE -20°C to +80°C

Part Number	Inductance (μ H)	Test Frequency	DCR (Ω) Max.	IDC (A) Max.
DR340-1-122	1.2 +40%/-20%	100kHz	0.007	9.80
DR340-1-242	2.4 +40%/-20%	100kHz	0.012	8.00
DR340-1-352	3.5 +40%/-20%	100kHz	0.014	7.50
DR340-1-472	4.7 +40%/-20%	100kHz	0.016	6.80
DR340-1-612	6.1 +40%/-20%	100kHz	0.018	6.60
DR340-1-762	7.6 +40%/-20%	100kHz	0.020	5.90
DR340-1-103	10 \pm 20%	1kHz	0.022	5.40
DR340-1-123	12 \pm 20%	1kHz	0.025	4.90
DR340-1-153	15 \pm 20%	1kHz	0.027	4.50
DR340-1-183	18 \pm 20%	1kHz	0.040	3.90
DR340-1-223	22 \pm 20%	1kHz	0.044	3.60
DR340-1-273	27 \pm 20%	1kHz	0.046	3.40
DR340-1-333	33 \pm 20%	1kHz	0.065	3.00
DR340-1-393	39 \pm 20%	1kHz	0.073	2.75
DR340-1-473	47 \pm 20%	1kHz	0.100	2.50

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. For non-RoHS parts replace the DR prefix with 42- (e.g. DR340-1 becomes 42-340-1)
6. Terminal finish is compliant to RoHS requirements. Solder in accordance with J-STD-020


SCHEMATIC