February 28, 2007

DATATRONIC
DISTRIBUTION, INC.

SHIELDED POWER INDUCTOR DR340-2 SERIES



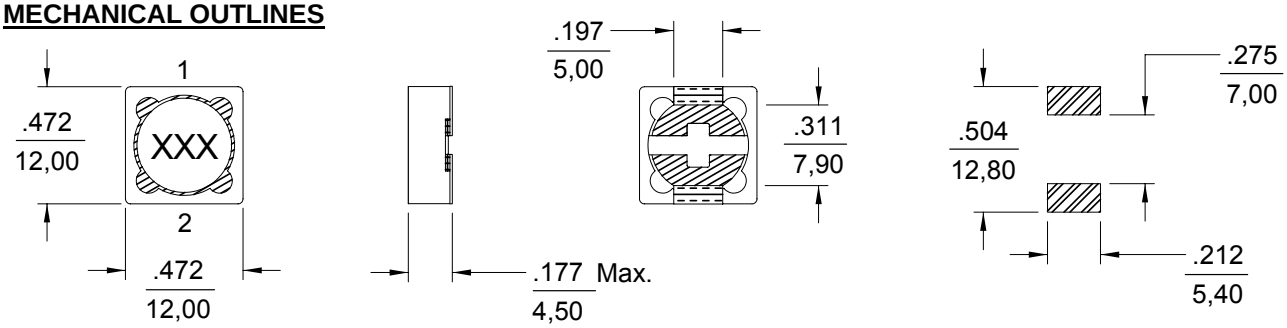
Features

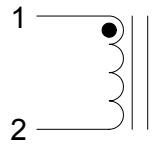
- **Maximum Height: 4.50mm**
- **Footprint: 12mm x 12mm Max.**
- **Inductance Range from 3.9µH to 330µH**
- **Non-RoHS Versions are Available** (Note 5)

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

Part Number	Inductance (µH) ± 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





SCHEMATIC

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 SM prefix with 42- (e.g. DR340-2 becomes 42-340-2)
6. Terminal finish is compliant to RoHS requirements. Solder in accordance with J-STD-020

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All specifications are subject to change without notice.