



SHIELDED POWER INDUCTOR DR340-3 SERIES

Features

- Maximum Height: 6.0mm
- Footprint: 12mm x 12mm Max.
- Inductance Range from 1.3 μ H to 1.0mH
- Non-RoHS Versions are Available (Note 8)



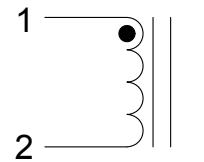
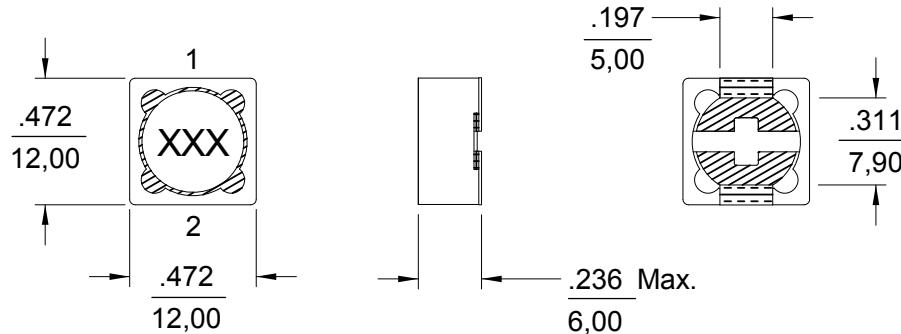
ELECTRICAL SPECIFICATIONS AT 25°C		OPERATING TEMPERATURE -20°C to +80°C		
Part Number	Inductance (μ H) \pm 20%	Test Frequency	DCR (Ω) Max.	IDC (A) Max.
DR340-3-132	1.3	7.96MHz	0.012	8.0
DR340-3-212	2.1	7.96MHz	0.014	7.0
DR340-3-312	3.1	7.96MHz	0.017	6.0
DR340-3-442	4.4	7.96MHz	0.020	5.0
DR340-3-582	5.8	7.96MHz	0.021	4.4
DR340-3-752	7.5	7.96MHz	0.024	4.2
DR340-3-103	10	1kHz	0.025	4.0
DR340-3-123	12	1kHz	0.027	3.5
DR340-3-153	15	1kHz	0.030	3.3
DR340-3-183	18	1kHz	0.034	3.0
DR340-3-223	22	1kHz	0.036	2.8
DR340-3-273	27	1kHz	0.051	2.3
DR340-3-333	33	1kHz	0.057	2.1
DR340-3-393	39	1kHz	0.068	2.0
DR340-3-473	47	1kHz	0.075	1.8
DR340-3-563	56	1kHz	0.110	1.7
DR340-3-683	68	1kHz	0.120	1.5
DR340-3-823	82	1kHz	0.140	1.4
DR340-3-104	100	1kHz	0.160	1.3
DR340-3-124	120	1kHz	0.170	1.1
DR340-3-154	150	1kHz	0.230	1.0
DR340-3-184	180	1kHz	0.290	0.9
DR340-3-224	220	1kHz	0.400	0.8
DR340-3-274	270	1kHz	0.460	0.75
DR340-3-334	330	1kHz	0.510	0.68
DR340-3-394	390	1kHz	0.690	0.65
DR340-3-474	470	1kHz	0.770	0.58
DR340-3-564	560	1kHz	0.860	0.54
DR340-3-684	680	1kHz	1.200	0.48
DR340-3-824	820	1kHz	1.340	0.43
DR340-3-105	1000	1kHz	1.530	0.40



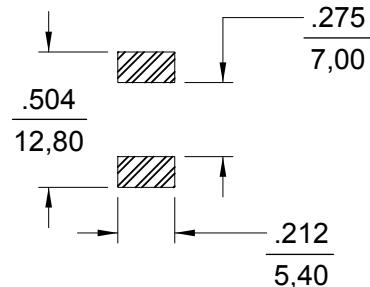
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MECHANICAL OUTLINE



SCHEMATIC



NOTES:

1. All 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. Inductance tolerance values: $1.3\mu\text{H} - 7.5\mu\text{H} = +30\% / -20\%$
6. Terminal finish is compliant to RoHS requirements
7. Solder in accordance with J-STD-002 Rev. D
8. Non-RoHS series parts 42-340-3-XXX are finished with leaded solder Sn60Pb40 or equivalent