

SDR Series

SMD Power Inductor

Size 4532



FEATURES

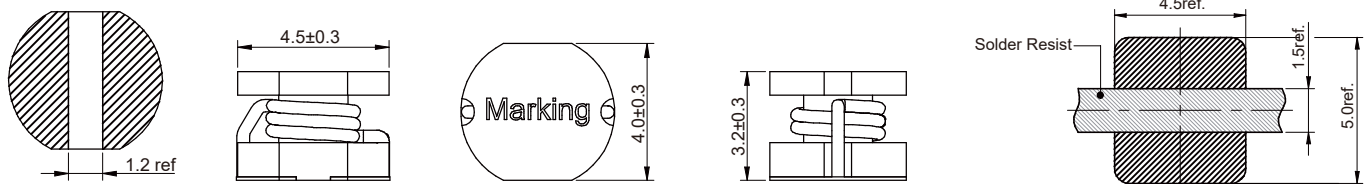
Open size;
Low tolerances at high inductance values;
Quantity: 2000pcs;

APPLICATIONS

Integrated DC/DC-converter;
Switching regulators with low operating voltages;
Optimal attenuation in MHz frequency range;

Dimensions: [mm]

Land Patterns: [mm]



Electrical Properties:

Part No	Inductance (μ H)	Tolerance	Saturation Current (A)	DCR Typ (Ω)	DCR Max. (Ω)
SDR4532-1R0M	1.0	± 20	5.72	0.014	0.049
SDR4532-1R4M	1.4	± 20	5.04	0.022	0.056
SDR4532-1R8M	1.8	± 20	3.6	0.028	0.064
SDR4532-2R2M	2.2	± 20	3.38	0.034	0.071
SDR4532-2R7M	2.7	± 20	2.97	0.039	0.079
SDR4532-3R3M	3.3	± 20	2.88	0.041	0.086
SDR4532-3R9M	3.9	± 20	2.57	0.054	0.094
SDR4532-4R7M	4.7	± 20	2.46	0.059	0.11
SDR4532-5R6M	5.6	± 20	2.43	0.069	0.126
SDR4532-6R8M	6.8	± 20	2.1	0.076	0.131
SDR4532-8R2M	8.2	± 20	1.8	0.116	0.146
SDR4532-100M	10	± 20	1.74	0.118	0.182
SDR4532-120M	12	± 20	1.62	0.156	0.21
SDR4532-150M	15	± 20	1.46	0.204	0.235
SDR4532-180M	18	± 20	1.29	0.225	0.338
SDR4532-220M	22	± 20	1.22	0.261	0.37
SDR4532-270M	27	± 20	1.0	0.328	0.522
SDR4532-330K	33	± 10	0.9	0.37	0.54
SDR4532-390K	39	± 10	0.87	0.418	0.587
SDR4532-470K	47	± 10	0.77	0.523	0.844
SDR4532-560K	56	± 10	0.75	0.714	0.937
SDR4532-680K	68	± 10	0.68	0.754	1.117

Operating Temperature : -40 °C ~ +125 °C

Saturation current will cause L to drop approximately 10% .