

SDR Series

SMD Power Inductor

Size 5848



FEATURES

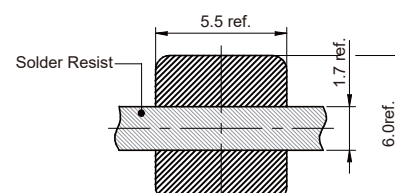
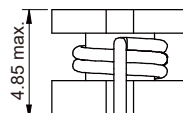
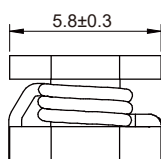
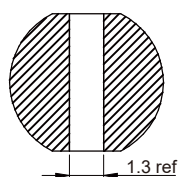
Open size;
Low tolerances at high inductance values;
Quantity: 1500pcs;

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)
SDR5848-2R2M	2.2	± 20	8.2	0.026	0.041
SDR5848-2R7M	2.7	± 20	8.0	0.032	0.045
SDR5848-3R3M	3.3	± 20	7.5	0.042	0.06
SDR5848-4R7M	4.7	± 20	5.5	0.056	0.071
SDR5848-6R8M	6.8	± 20	5.0	0.071	0.082
SDR5848-100M	10	± 20	2.5	0.078	0.10
SDR5848-120M	12	± 20	1.94	0.082	0.11
SDR5848-150M	15	± 20	1.9	0.089	0.14
SDR5848-180M	18	± 20	1.69	0.104	0.15
SDR5848-220M	22	± 20	1.53	0.109	0.18
SDR5848-270M	27	± 20	1.4	0.133	0.2
SDR5848-330K	33	± 15	1.17	0.15	0.23
SDR5848-390K	39	± 15	1.1	0.215	0.32
SDR5848-470K	47	± 15	1.1	0.26	0.37
SDR5848-560K	56	± 10	0.9	0.298	0.42
SDR5848-680K	68	± 10	0.86	0.313	0.46
SDR5848-820K	82	± 10	0.72	0.475	0.6
SDR5848-101K	100	± 10	0.68	0.51	0.65
SDR5848-121K	120	± 10	0.63	0.66	0.93
SDR5848-151K	150	± 10	0.54	0.72	1.10
SDR5848-181K	180	± 10	0.5	0.85	1.38
SDR5848-221K	220	± 10	0.47	0.945	1.57

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

Saturation current will cause L to drop approximately 10% .