

UNSHIELDED SMD POWER INDUCTORS / SDR TYPE

FEATURES

- ◆ Low DC resistance and for large currents & low profile.

APPLICATIONS

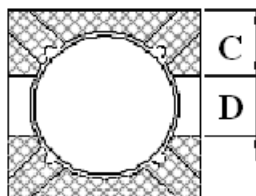
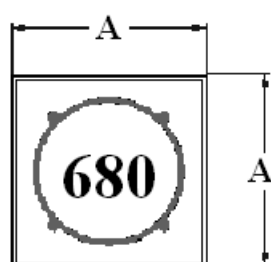
- ◆ Power supply for VTRs.
- ◆ Portable communication equipment.
- ◆ Notebook PCs.
- ◆ LCD televisions.
- ◆ DC/DC converters, etc.



ORDERING CODE

SDR	5818	- 1R5	M	
				Tolerance (M:±20%)
				Inductance
				Dimension
				Product Symbol

DIMENSIONS (UNIT: mm)



A	6.10 (MAX)	m/m
B	2.00 (MAX)	m/m
C	1.90 (MAX)	m/m
D	2.00 (MAX)	m/m

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ELECTRICAL CHARACTERISTICS FOR SDR5818

Part No.	Inductance (μ H)	DC Resistance (Ω) Max	IDC (A) Max
SDR5818-1R2M	1.20	0.030	3.00
SDR5818-1R8M	1.80	0.035	2.60
SDR5818-2R5M	2.50	0.040	2.40
SDR5818-3R0M	3.00	0.045	2.20
SDR5818-3R9M	3.90	0.055	2.00
SDR5818-5R0M	5.00	0.060	1.6 5
SDR5818-6R2M	6.20	0.080	1.45
SDR5818-7R5M	7.50	0.090	1.35
SDR5818-9R0M	9.00	0.110	1.25
SDR5818-100M	10.0	0.130	1.10
SDR5818-120M	12.0	0.160	1.00
SDR5818-150M	15.0	0.200	0.88
SDR5818-180M	18.0	0.210	0.83
SDR5818-220M	22	0.280	0.80
SDR5818-270M	27	0.320	0.75
SDR5818-330M	33	0.350	0.65
SDR5818-390M	39	0.500	0.55
SDR5818-470M	47	0.550	0.52
SDR5818-560M	56	0.600	0.48
SDR5818-680M	68	0.850	0.40
SDR5818-820M	82	0.950	0.38
SDR5818-101M	100	1.100	0.35
SDR5818-121M	120	1.420	0.30
SDR5818-151M	150	1.650	0.28
SDR5818-181M	180	2.300	0.25
SDR5818-221M	220	2.500	0.23

* Test Frequency : 100KHZ/0.1V



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