

UNSHIELDED SMD POWER INDUCTORS / SDR TYPE

FEATURES

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

APPLICATIONS

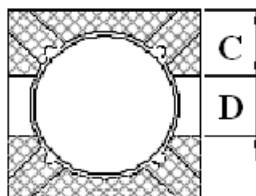
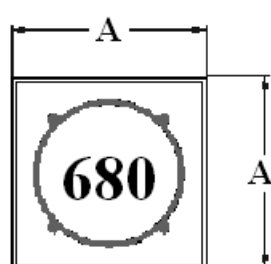
- ◆ Power supply for VTRs.
- ◆ Portable communication equipment.
- ◆ Notebook PCs.
- ◆ LCD televisions.
- ◆ DC/DC converters, etc.



ORDERING CODE

SDR	5018	- 1R5	M	
				Tolerance (M:±20%)
				Inductance
				Dimension
				Product Symbol

DIMENSIONS (UNIT: mm)



A	5.20 (MAX)	m/m
B	1.80 (MAX)	m/m
C	1.50 (MAX)	m/m
D	1.50 (MAX)	m/m

UNSHIELDED SMD POWER INDUCTORS / SDR TYPE

ELECTRICAL CHARACTERISTICS FOR SDR5018

Part No.	Inductance (μ H)	DC Resistance (Ω) Max	IDC (A) Max
SDR5018-R47M	0.47	0.0201	3.800
SDR5018-1R2M	1.2	0.0294	2.950
SDR5018-1R5M	1.5	0.0345	2.490
SDR5018-2R2M	2.2	0.0590	2.160
SDR5018-3R3M	3.3	0.0810	1.410
SDR5018-4R7M	4.7	0.0950	1.300
SDR5018-6R2M	6.2	0.1270	1.040
SDR5018-6R8M	6.8	0.1330	1.010
SDR5018-8R2M	8.2	0.1480	0.093
SDR5018-100M	10	0.1584	0.088
SDR5018-150M	15	0.4600	0.830
SDR5018-330M	33	0.5800	0.530
SDR5018-470M	47	0.7732	0.397
SDR5018-680M	68	0.9798	0.330
SDR5018-820M	82	1.3000	0.302
SDR5018-101M	100	1.4700	0.278
SDR5018-151M	150	2.1800	0.223
SDR5018-221M	220	2.9500	0.183
SDR5018-331M	330	4.2000	0.150
SDR5018-471M	470	6.3900	0.127
SDR5018-681M	680	9.2800	0.098

* Test Frequency : 100KHZ/0.1V