

UNSHIELDED SMD POWER INDUCTORS / SDR TYPE

FEATURES

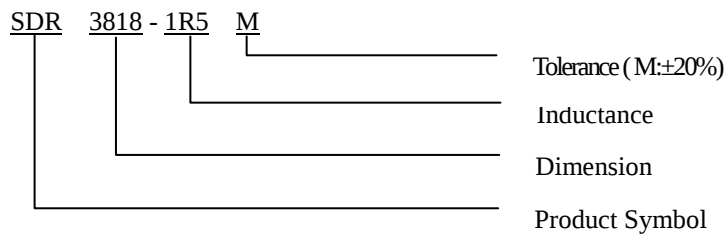
- ◆ Low DC resistance and for large currents & low profile.

APPLICATIONS

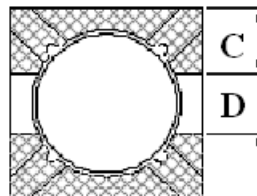
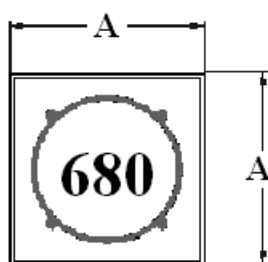
- ◆ Power supply for VTRs.
- ◆ Portable communication equipment.
- ◆ Notebook PCs.
- ◆ LCD televisions.
- ◆ DC/DC converters, etc.



ORDERING CODE



DIMENSIONS (UNIT: mm)



A	3.8±0.3	m/m
B	1.80 (MAX)	m/m
C	1.30 (MAX)	m/m
D	1.20 (MAX)	m/m

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ELECTRICAL CHARACTERISTICS FOR SDR3818

Part No.	Inductance (μ H)	DC Resistance (Ω) Max	IDC (A) Max
SDR3818-1R5M	1.5	0.090	1.55
SDR3818-2R5M	2.5	0.121	1.25
SDR3818-3R6M	3.6	0.182	1.10
SDR3818-4R7M	4.7	0.243	0.90
SDR3818-6R8M	6.8	0.280	0.75
SDR3818-100M	10	0.350	0.56
SDR3818-150M	15	0.388	0.40
SDR3818-220M	22	0.450	0.33
SDR3818-330M	33	0.660	0.28
SDR3818-470M	47	1.000	0.24
SDR3818-680M	68	1.450	0.22
SDR3818-101M	100	3.200	0.18

* Test Frequency : 100KHZ/0.1V