

SHIELDED SMD POWER INDUCTORS

SDRH0418 TYPE

Small size with the electrode attached to the ferrite RI core directly.

Excellent property with high saturation for surface mounting.



Applications:

Power supply for VTR.

LCD monitor . Notebook PCs.

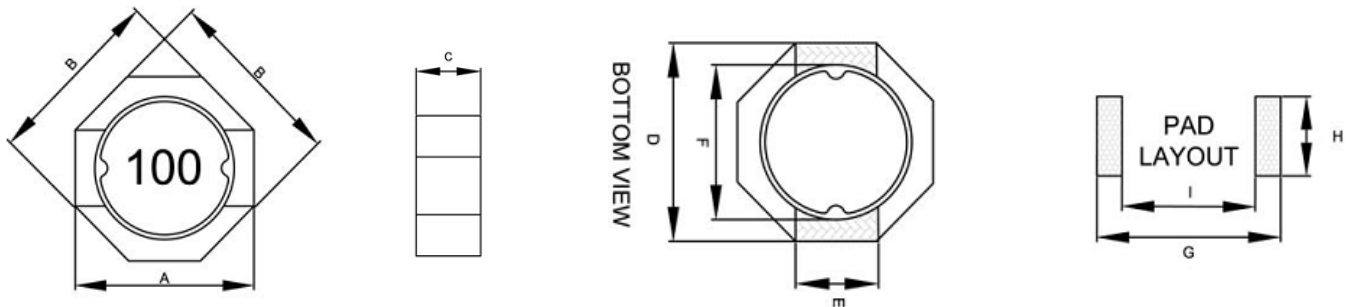
Portable Terminal equipments; DC/DC converters.



Electrical Specifications at 25 °C

Shape and Dimensions (Unit : mm)

P/N	A	B	C	D(max)	E	F	G	H	I
SDRH0418	3.85±0.3	3.85±0.3	1.8±0.2	4.8	1.6	3.0	5.2	2.0	2.6



Inductance Tolerance : M $\pm 20\%$, L $\pm 15\%$, K $\pm 10\%$

Part Nuber	Inductance (uH)	Test Frequency 0.1V	DCR Max(Ω)	Rated DC Current Max (A)
SDRH0418-1R0M	1.0	100 KHz	34.00	1.50
SDRH0418-1R2M	1.2	100 KHz	42.00	1.40
SDRH0418-2R2M	2.2	100 KHz	50.00	1.00
SDRH0418-3R3M	3.3	100 KHz	70.00	0.92
SDRH0418-3R9M	3.9	100 KHz	91.00	0.80
SDRH0418-4R7M	4.7	100 KHz	95.00	0.76
SDRH0418-5R6M	5.6	100 KHz	123.00	0.69
SDRH0418-6R8M	6.8	100 KHz	140.00	0.62
SDRH0418-8R2M	8.2	100 KHz	182.00	0.56
SDRH0418-100M	10.0	100 KHz	206.00	0.50
SDRH0418-150M	15.0	100 KHz	390.00	0.40
SDRH0418-220M	22.0	100 KHz	520.00	0.32
SDRH0418-330M	33.0	100 KHz	732.00	0.28
SDRH0418-470M	47.0	100 KHz	1000.00	0.20
SDRH0418-680M	68.0	100 KHz	1520.00	0.15
SDRH0418-101M	100.0	100 KHz	2120.00	0.10

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