

SURFACE MOUNT HIGH CURRENT POWER INDUCTORS / SS TYPE

FEATURES

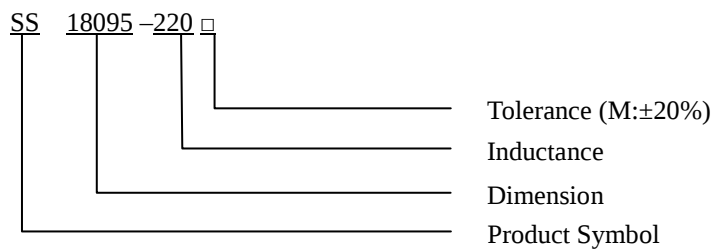
- ◆ High current, low loss of iron powder core.
- ◆ Low profile for machine placement.
- ◆ Minimize electromagnetic interference.
- ◆ Suppress common mode noise.
- ◆ Prevent EMI effect via precise impedance.
- ◆ Custom design available.



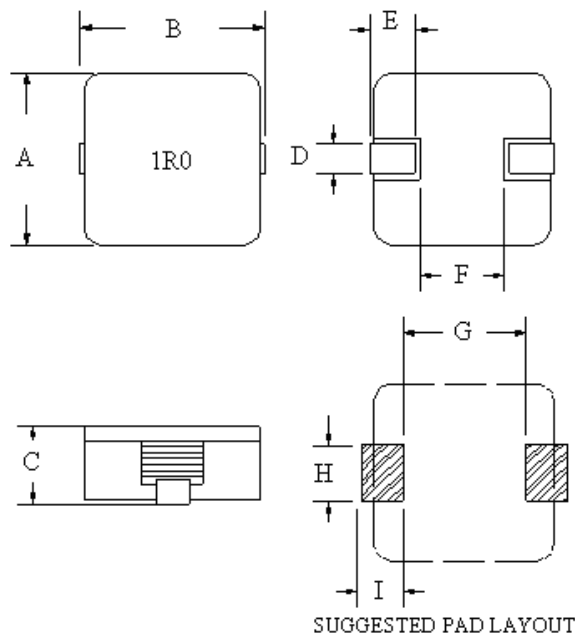
APPLICATIONS

- ◆ Input – output filter application.
- ◆ Energy storage applications.
- ◆ Computer and portable power devices.
- ◆ DC/DC converters.

ORDERING CODE



DIMENSIONS UNIT: mm (inch)



A	18.2 ± 0.5	m/m
B	18.3 ± 1.0	m/m
C	9.5 (MAX)	m/m
D	3.5 ± 1.5	m/m
E	5.0 ± 1.0	m/m
F	8.3 (REF)	m/m
G	7.3 (REF)	m/m
H	6.0 (REF)	m/m
I	6.0 (REF)	m/m

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ELECTRICAL CHARACTERISTICS FOR SS18095

Part No.	Inductance (μ H)	Test Frequency (MHz)	RDC (m Ω) Max	IDC (A) Max
SS18095-R82M	0.82	100KHz/0.1V	0.58	65.0
SS18095-1R3M	1.30	100KHz/0.1V	1.02	62.0
SS18095-1R9M	1.90	100KHz/0.1V	1.30	52.0
SS18095-2R6M	2.60	100KHz/0.1V	1.71	50.0
SS18095-3R5M	3.50	100KHz/0.1V	3.35	37.0
SS18095-4R5M	4.50	100KHz/0.1V	3.67	37.0
SS18095-5R6M	5.60	100KHz/0.1V	4.00	33.0
SS18095-6R8M	6.80	100KHz/0.1V	4.43	27.0
SS18095-100M	10.0	100KHz/0.1V	7.45	21.5
SS18095-150M	15.0	100KHz/0.1V	10.05	14.0
SS18095-220M	22.0	100KHz/0.1V	15.77	11.0
SS18095-330M	33.0	100KHz/0.1V	24.41	9.0
SS18095-470M	47.0	100KHz/0.1V	36.72	7.0