

SURFACE MOUNT HIGH CURRENT POWER INDUCTORS / SS TYPE

FEATURES

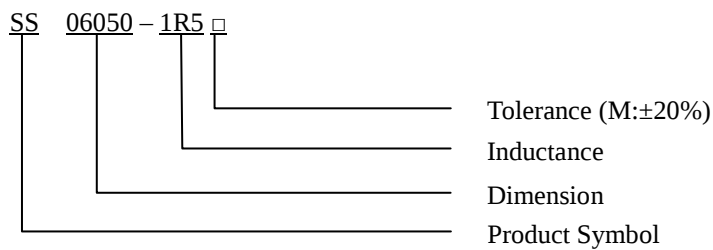
- ◆ High current, low loss of iron powder core.
- ◆ Low profile for machine placement.
- ◆ Minimize electromagnetic interference.
- ◆ Suppress common mode noise.
- ◆ Prevent EMI effect via precise impedance.
- ◆ Custom design available.



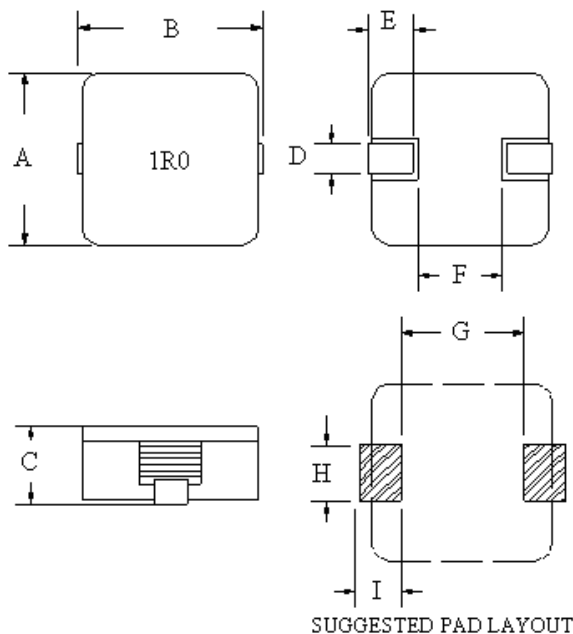
APPLICATIONS

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

ORDERING CODE



DIMENSIONS UNIT: mm (inch)



A	6.9 ± 0.4	m/m
B	7.0 ± 0.4	m/m
C	5.0 (MAX)	m/m
D	1.2 ± 0.3	m/m
E	1.8 ± 0.5	m/m
F	3.4 (REF)	m/m
G	2.4 (REF)	m/m
H	2.2 (REF)	m/m
I	2.7 (REF)	m/m

CORE MASTER ENTERPRISE CO., LTD.

<http://www.coremaster.com.tw>



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ELECTRICAL CHARACTERISTICS FOR SS06050

Part No.	Inductance (μ H)	Test Frequency (MHz)	RDC (m Ω) Max	IDC (A) Max
SS06050-R24M	0.24	100KHz/0.1V	1.10	28
SS06050-R47M	0.47	100KHz/0.1V	1.49	20
SS06050-R76M	0.76	100KHz/0.1V	2.48	15
SS06050-1R1M	1.10	100KHz/0.1V	3.47	13
SS06050-1R5M	1.50	100KHz/0.1V	4.73	11
SS06050-2R0M	2.00	100KHz/0.1V	6.44	9.0
SS06050-3R3M	3.30	100KHz/0.1V	9.90	8.0
SS06050-4R9M	4.90	100KHz/0.1V	15.95	6.5
SS06050-6R5M	6.50	100KHz/0.1V	23.65	6.0
SS06050-7R6M	7.60	100KHz/0.1V	33.22	4.8
SS06050-8R5M	8.50	100KHz/0.1V	35.75	4.5
SS06050-100M	10.0	100KHz/0.1V	36.30	4.0