

SURFACE MOUNT HIGH CURRENT POWER INDUCTORS / SS TYPE

FEATURES

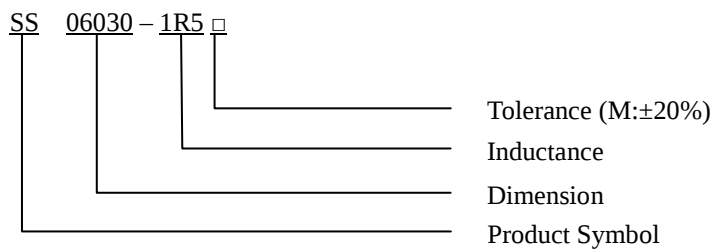
- ◆ High current, low loss of iron powder core.
- ◆ Low profile for machine placement.
- ◆ Minimize electromagnetic interference.
- ◆ Suppress common mode noise.
- ◆ Prevent EMI effect via precise impedance.
- ◆ Custom design available.



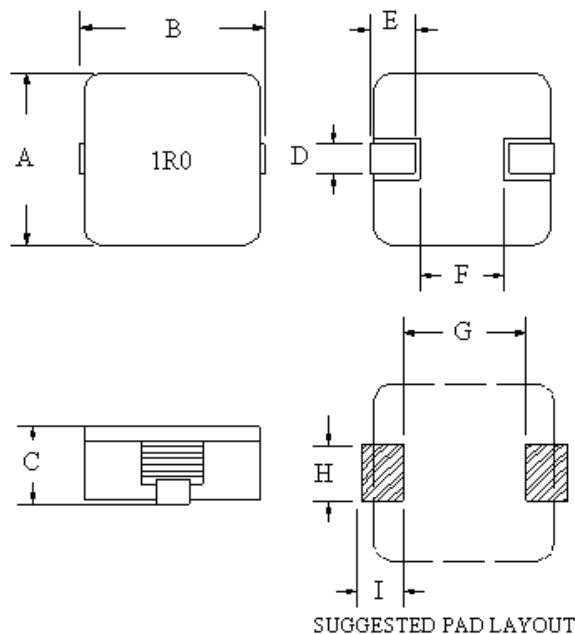
APPLICATIONS

- ◆ 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	3.0 (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>



SURFACE MOUNT HIGH CURRENT POWER INDUCTORS / SS TYPE

ELECTRICAL CHARACTERISTICS FOR SS06030

Part No.	Inductance (uH)	Test Frequency (MHz)	RDC (mΩ) Max	IDC (A) Max
SS06030-R13M	0.13	100KHz/0.1V	1.00	48
SS06030-R24M	0.24	100KHz/0.1V	1.98	40
SS06030-R52M	0.52	100KHz/0.1V	4.07	20
SS06030-R95M	0.95	100KHz/0.1V	6.82	13
SS06030-1R2M	1.20	100KHz/0.1V	9.46	13
SS06030-1R5M	1.50	100KHz/0.1V	13.97	12
SS06030-2R0M	2.00	100KHz/0.1V	15.62	9