

SURFACE MOUNT HIGH CURRENT POWER INDUCTORS / SS TYPE

FEATURES

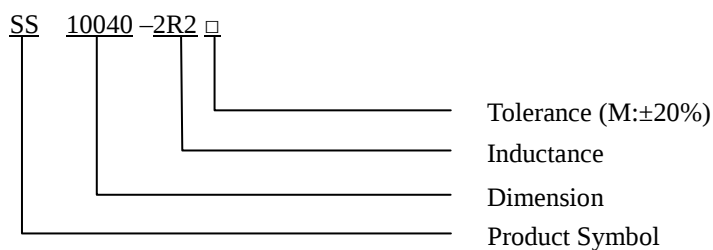
- ◆ High current, low loss of iron powder core.
- ◆ Low profile for machine placement.
- ◆ Minimize electromagnetic interference.
- ◆ Suppress common mode noise.
- ◆ Prevent EMI effect via precise impedance.
- ◆ Custom design available.



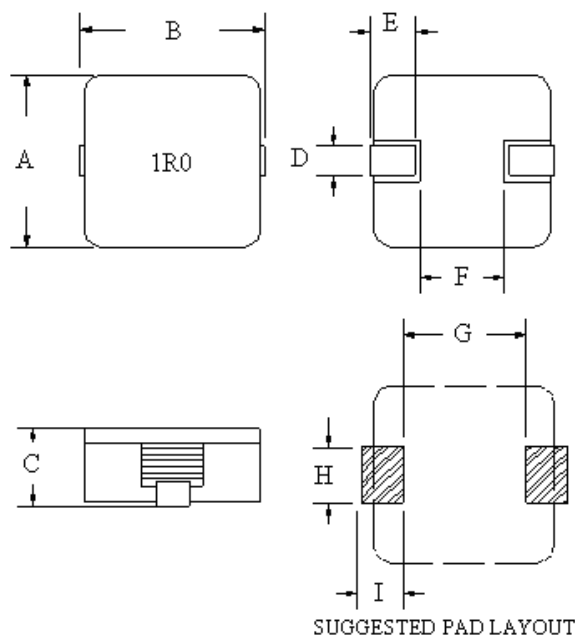
APPLICATIONS

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

ORDERING CODE



DIMENSIONS UNIT: mm (inch)



A	10.2 ± 0.5	m/m
B	10.5 ± 0.5	m/m
C	4.2 (MAX)	m/m
D	2.0 ± 0.5	m/m
E	2.0 ± 0.5	m/m
F	6.5 (REF)	m/m
G	3.8 (REF)	m/m
H	4.0 (REF)	m/m
I	3.5 (REF)	m/m

CORE MASTER ENTERPRISE CO., LTD.

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



SURFACE MOUNT HIGH CURRENT POWER INDUCTORS / SS TYPE

ELECTRICAL CHARACTERISTICS FOR SS10040

Part No.	Inductance (uH)	Test Frequency (MHz)	RDC (mΩ) Max	IDC (A) Max
SS10040-R15M	0.15	100KHz/0.1V	0.64	60
SS10040-R30M	0.30	100KHz/0.1V	1.21	35
SS10040-R56M	0.56	100KHz/0.1V	1.77	30
SS10040-1R0M	1.00	100KHz/0.1V	3.63	20
SS10040-1R5M	1.50	100KHz/0.1V	5.83	17
SS10040-2R2M	2.20	100KHz/0.1V	8.03	13
SS10040-2R8M	2.80	100KHz/0.1V	11.66	11
SS10040-4R3M	4.30	100KHz/0.1V	15.51	8