

SURFACE MOUNT HIGH CURRENT POWER INDUCTORS / SS TYPE

FEATURES

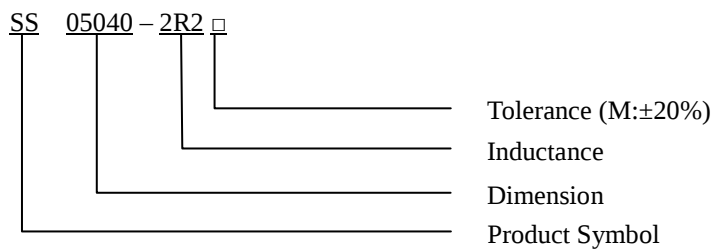
- ◆ High current, low loss of iron powder core.
- ◆ Low profile for machine placement.
- ◆ Minimize electromagnetic interference.
- ◆ Suppress common mode noise.
- ◆ Prevent EMI effect via precise impedance.
- ◆ Custom design available.



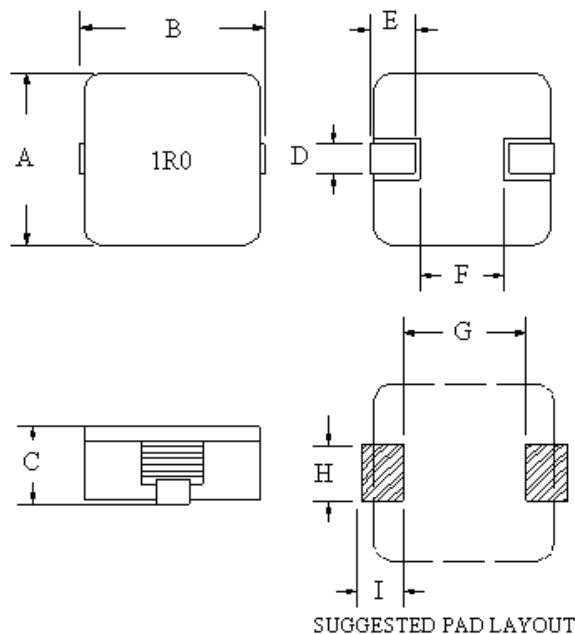
APPLICATIONS

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

ORDERING CODE



DIMENSIONS UNIT: mm (inch)



A	5.3 ± 0.3	m/m
B	5.6 ± 0.3	m/m
C	4.0 ± 0.3	m/m
D	1.0 ± 0.3	m/m
E	1.2 ± 0.5	m/m
F	3.2 (REF)	m/m
G	2.0 (REF)	m/m
H	2.0 (REF)	m/m
I	2.2 (REF)	m/m

CORE MASTER ENTERPRISE CO., LTD.

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



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ELECTRICAL CHARACTERISTICS FOR SS05040

Part No.	Inductance (uH)	Test Frequency (MHz)	RDC (mΩ) Max	IDC (A) Max
SS05040-R22M	0.22	100KHz/0.1V	1.38	25.0
SS05040-R33M	0.33	100KHz/0.1V	1.93	20.0
SS05040-R47M	0.47	100KHz/0.1V	3.03	16.0
SS05040-R68M	0.68	100KHz/0.1V	4.40	13.5
SS05040-1R0M	1.0	100KHz/0.1V	5.23	11.5
SS05040-1R5M	1.5	100KHz/0.1V	8.97	9.0
SS05040-2R2M	2.2	100KHz/0.1V	12.43	7.5
SS05040-3R3M	3.3	100KHz/0.1V	20.35	5.8
SS05040-4R7M	4.7	100KHz/0.1V	26.95	4.7
SS05040-5R6M	5.6	100KHz/0.1V	31.35	4.6