

SURFACE MOUNT HIGH CURRENT POWER INDUCTORS / SS TYPE

FEATURES

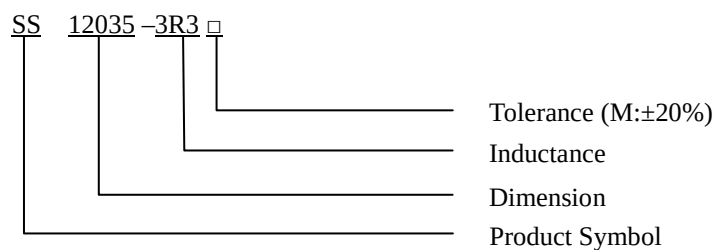
- ◆ High current, low loss of iron powder core.
- ◆ Low profile for machine placement.
- ◆ Minimize electromagnetic interference.
- ◆ Suppress common mode noise.
- ◆ Prevent EMI effect via precise impedance.
- ◆ Custom design available.



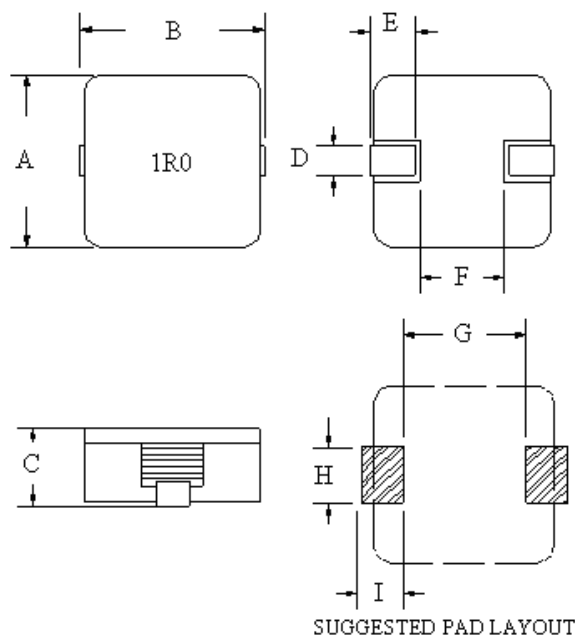
APPLICATIONS

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

ORDERING CODE



DIMENSIONS UNIT: mm (inch)



A	12.8 ± 0.5	m/m
B	13.0 ± 1.0	m/m
C	3.5 (MAX)	m/m
D	2.5 ± 0.5	m/m
E	3.0 ± 1.0	m/m
F	7.0 (REF)	m/m
G	6.0 (REF)	m/m
H	5.0 (REF)	m/m
I	4.5 (REF)	m/m

CORE MASTER ENTERPRISE CO., LTD.

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



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ELECTRICAL CHARACTERISTICS FOR SS12035

Part No.	Inductance (uH)	Test Frequency (MHz)	RDC (mΩ) Max	IDC (A) Max
SS12035-R25M	0.25	100KHz/0.1V	0.83	60
SS12035-R68M	0.68	100KHz/0.1V	1.74	40
SS12035-1R2M	1.20	100KHz/0.1V	3.14	28
SS12035-1R8M	1.80	100KHz/0.1V	6.16	22
SS12035-2R2M	2.20	100KHz/0.1V	6.27	18
SS12035-3R3M	3.30	100KHz/0.1V	8.91	14