

SURFACE MOUNT HIGH CURRENT POWER INDUCTORS / SS TYPE

FEATURES

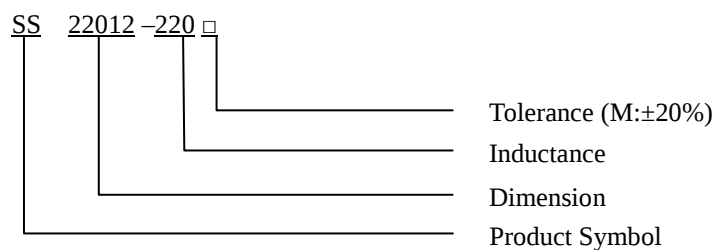
- ◆ High current, low loss of iron powder core.
- ◆ Low profile for machine placement.
- ◆ Minimize electromagnetic interference.
- ◆ Suppress common mode noise.
- ◆ Prevent EMI effect via precise impedance.
- ◆ Custom design available.



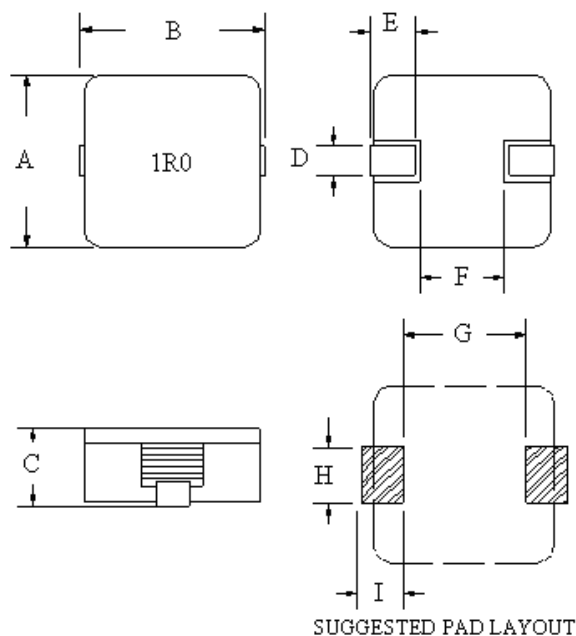
APPLICATIONS

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

ORDERING CODE



DIMENSIONS UNIT: mm (inch)



A	23.0 ± 1.0	m/m
B	22.0 ± 1.0	m/m
C	12.0 ± 0.4	m/m
D	3.5 ± 1.0	m/m
E	4.5 ± 1.0	m/m
F	12.5 (REF)	m/m
G	9.0 (REF)	m/m
H	6.0 (REF)	m/m
I	7.0 (REF)	m/m

CORE MASTER ENTERPRISE CO., LTD.

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



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ELECTRICAL CHARACTERISTICS FOR SS22012

Part No.	Inductance (uH)	Test Frequency (MHz)	RDC (mΩ) Max	IDC (A) Max
SS22012-3R3M	3.3	100KHz/0.1V	1.87	45
SS22012-6R8M	6.8	100KHz/0.1V	2.31	31
SS22012-8R2M	8.2	100KHz/0.1V	2.97	30
SS22012-100M	10.0	100KHz/0.1V	3.74	26
SS22012-120M	12.0	100KHz/0.1V	4.73	25
SS22012-220M	22.0	100KHz/0.1V	7.70	18
SS22012-330M	33.0	100KHz/0.1V	14.52	15
SS22012-470M	47.0	100KHz/0.1V	21.12	12
SS22012-680M	68.0	100KHz/0.1V	30.03	9.5
SS22012-820M	82.0	100KHz/0.1V	33.44	8.5