

SURFACE MOUNT HIGH CURRENT POWER INDUCTORS / SS TYPE

FEATURES

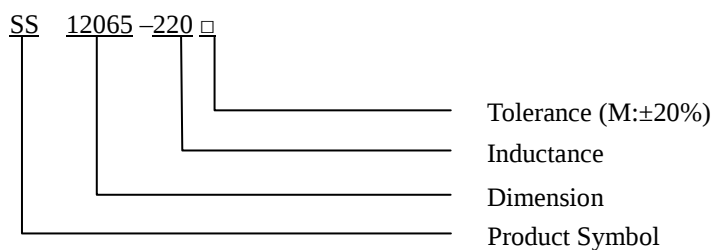
- ◆ High current, low loss of iron powder core.
- ◆ Low profile for machine placement.
- ◆ Minimize electromagnetic interference.
- ◆ Suppress common mode noise.
- ◆ Prevent EMI effect via precise impedance.
- ◆ Custom design available.



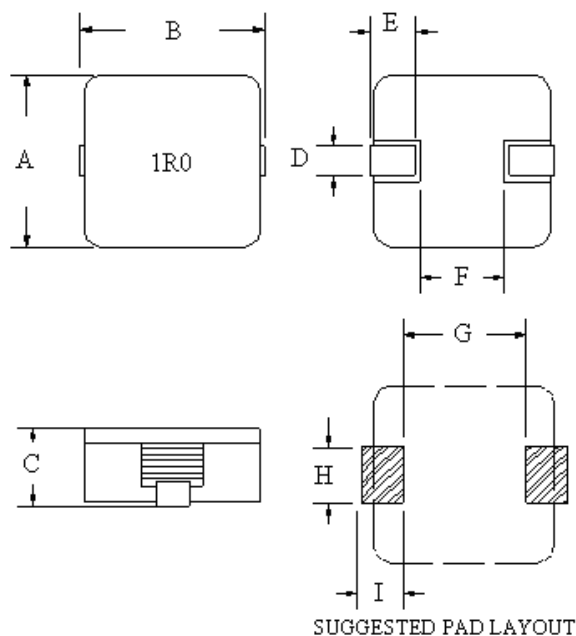
APPLICATIONS

- ◆ 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	6.5 (MAX)	m/m
D	3.0 ± 1.0	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 SS12065

Part No.	Inductance (μ H)	Test Frequency (MHz)	RDC (m Ω) Max	IDC (A) Max
SS12065-R22M	0.22	100KHz/0.1V	0.39	65.0
SS12065-R47M	0.47	100KHz/0.1V	0.74	50.0
SS12065-R82M	0.82	100KHz/0.1V	0.99	35.0
SS12065-1R3M	1.30	100KHz/0.1V	1.98	25.0
SS12065-2R0M	2.00	100KHz/0.1V	2.86	22.0
SS12065-2R8M	2.80	100KHz/0.1V	3.63	17.5
SS12065-3R7M	3.70	100KHz/0.1V	5.39	16.0
SS12065-4R7M	4.70	100KHz/0.1V	7.70	15.0
SS12065-6R0M	6.00	100KHz/0.1V	9.24	14.0
SS12065-110M	11.0	100KHz/0.1V	10.0	9.5
SS12065-130M	13.0	100KHz/0.1V	12.32	9.0
SS12065-150M	15.0	100KHz/0.1V	16.28	8.0
SS12065-220M	22.0	100KHz/0.1V	27.17	6.5