

SURFACE MOUNT HIGH CURRENT POWER INDUCTORS / SMG TYPE

FEATURES

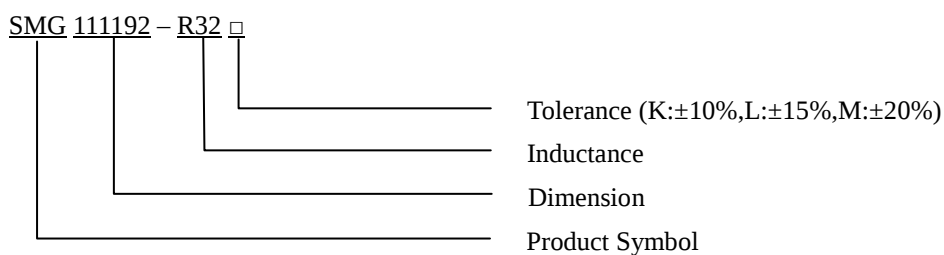
- ◆ High saturation current up to 60 A.
- ◆ Lowest core losses (MnZn).
- ◆ Extremely low DCR.
- ◆ Recommended solder profile: Reflow.
- ◆ Magnetically shielded.



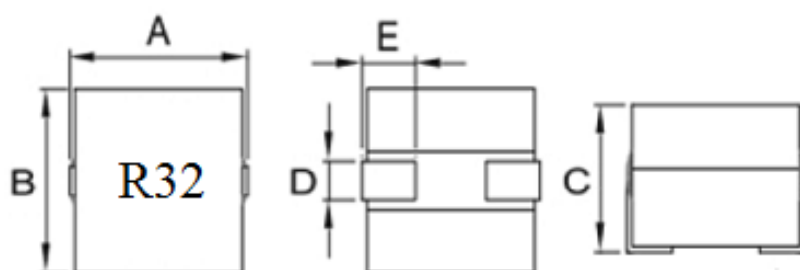
APPLICATIONS

- ◆ Multiphase switching regulator.
- ◆ CPU/RAM power supply.
- ◆ Power PC.
- ◆ Filter.

ORDERING CODE



DIMENSIONS UNIT: mm



A	11.7 (MAX)	m/m
B	11.5 (MAX)	m/m
C	9.20 (MAX)	m/m
D	2.20 ± 0.2	m/m
E	3.20 ± 0.5	m/m

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ELECTRICAL CHARACTERISTICS FOR SMG 111192

Part No.	Inductance (uH)	Test Frequency (KHz)	RDC (mΩ)	IDC (A) Max
SMG 111192-R23□	0.23	100KHz/1.0V	0.30 ± 7%	60
SMG 111192-R32□	0.32	100KHz/1.0V	0.30 ± 7%	45
SMG 111192-R38□	0.38	100KHz/1.0V	0.30 ± 7%	40
SMG 111192-R46□	0.46	100KHz/1.0V	0.30 ± 7%	32
SMG 111192-R54□	0.54	100KHz/1.0V	0.30 ± 7%	26

Notes:

- 1) All test Data is referenced to 25°C ambient
- 2) Operating Temperature Range: -40°C to +125°C