

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.

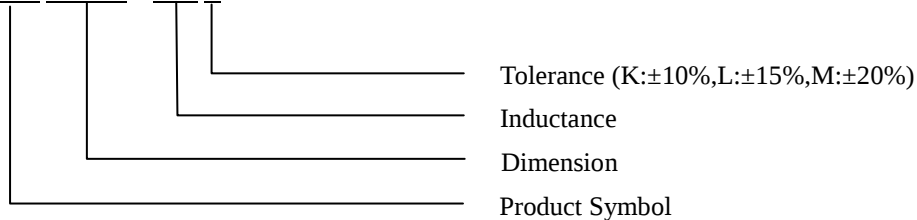


APPLICATIONS

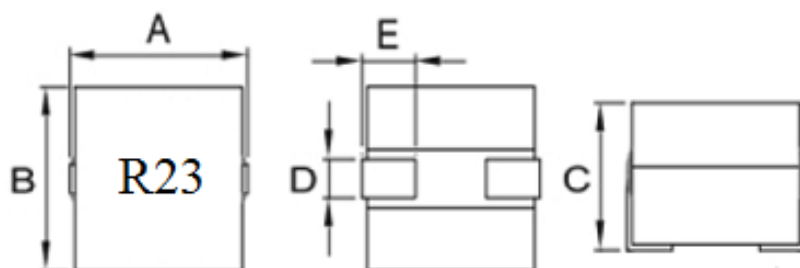
- ◆ Multiphase switching regulator.
- ◆ CPU/RAM power supply.
- ◆ Power PC.
- ◆ Filter.

ORDERING CODE

SMG 100875 – R23 □



DIMENSIONS UNIT: mm



A	10.5 (MAX)	m/m
B	8.00 (MAX)	m/m
C	7.50 (MAX)	m/m
D	1.50 ~ 1.80	m/m
E	1.50 ~ 3.20	m/m

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ELECTRICAL CHARACTERISTICS FOR SMG 100875

Part No.	Inductance (uH)	Test Frequency (KHz)	RDC (mΩ)	IDC (A) Max
SMG 100875-R23□	0.23	100KHz/1.0V	0.29 ± 10%	50

Notes:

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