

Power Inductor

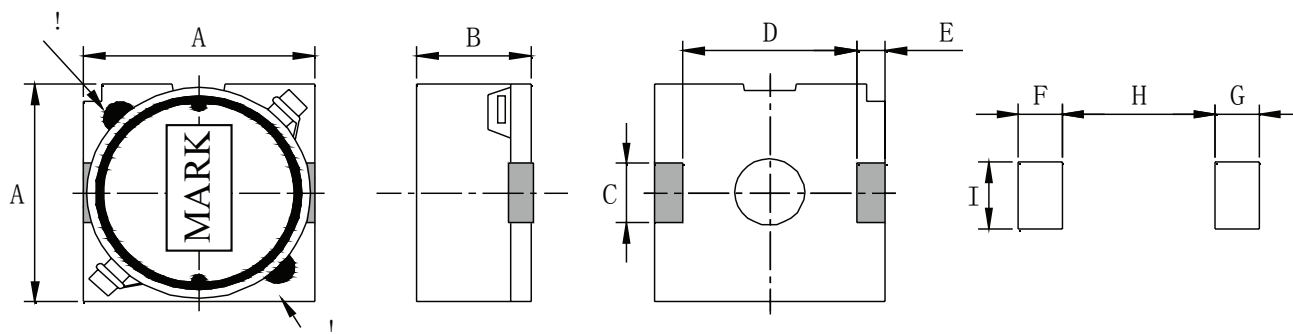


Electrical Requirements (at 25°C)

Test Condition		
1KHz 0.25V	L	1mH \pm 20%
at 25°C	DCR	6.37 Ω (Max.)
1KHz 0.25V	I _{rated}	0.15A

Rated Current: The rated current is the current at which the inductance decreases by 35% from the initial value or the temperature rise is $\Delta T=40^{\circ}\text{C}$, whichever is smaller.

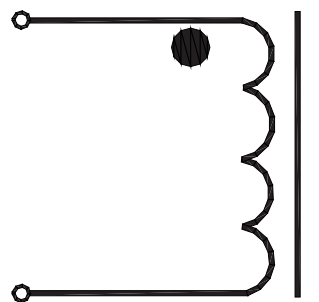
Operating Temperature : -40°C to $+100^{\circ}\text{C}$



Dimensions:

A	$7 \pm 0.3\text{mm}$
B	$3.4 \pm 0.3\text{ mm}$
C	$2.0 \pm 0.1\text{ mm}$
D	$4.9 \pm 0.2\text{ mm}$
E	$0.9 \pm 0.1\text{ mm}$
F	1.5mm
G	1.5 mm
H	4.9 mm
I	2.2mm

Schematic Diagram



Part Number Table

Description	Part Number
Inductor, 1mH, 0.15A, 6.37 Ω DCR	MCSDRB7032-102MHF

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