



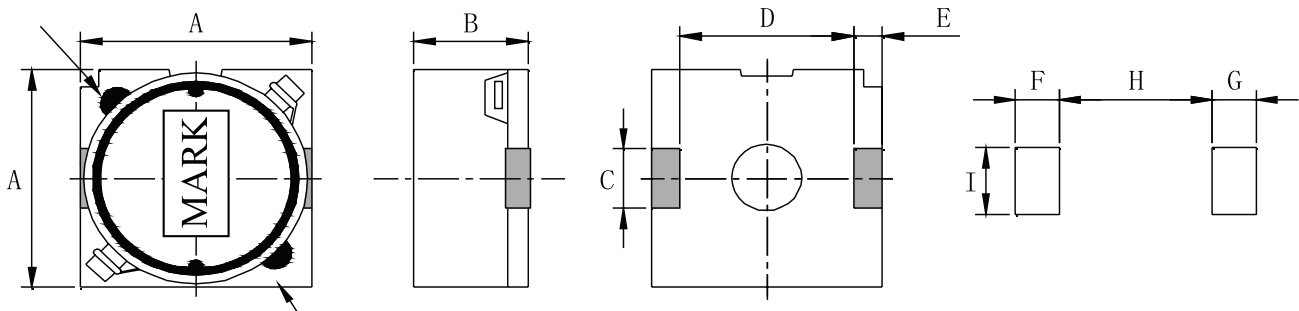
Electrical Characteristics (at 25°C)

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 $+100^\circ\text{C}$

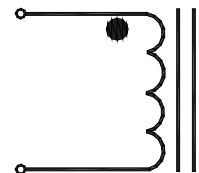
Diagram



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	1.5mm
H	4.9mm
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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