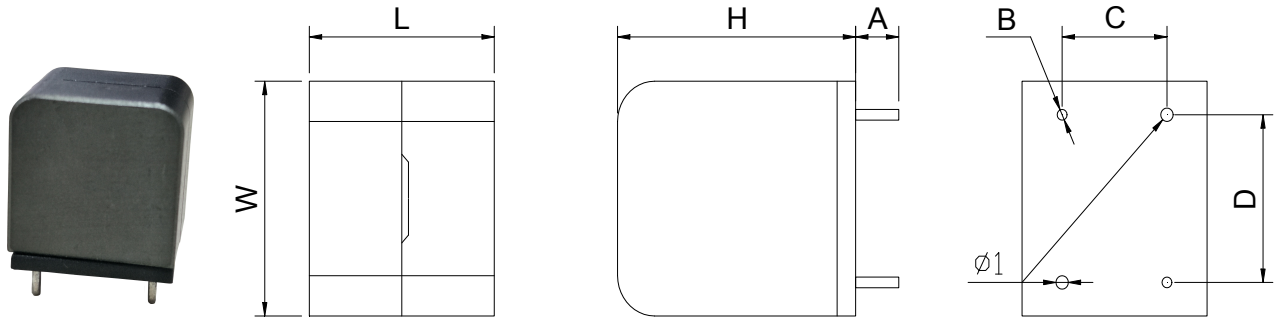


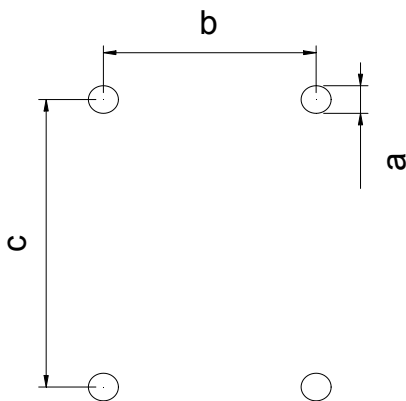
1. Dimensions (mm)



L	W	H	A	B	C	D
15.0±1.0	17.5±1.0	19.3 max.	3.5±0.5	Ø0.8±0.5	8.5±0.5	12.5±0.5

Dimensions do not include solder on the Pins

2.Recommended Land Pattern



Symbol	Dimensions(mm)
a	1.2
b	8.5
c	12.5

RoHS
 Compliant

3. Electrical Characteristics

Part Number	Inductance (μH) ①	Inductance tolerance	DCR (mΩ) typ.②	DCR (mΩ) max.②	Isat max. (A)③	Irms typ. (A) ④
M7G17S-100M01	10	±20%	15.7	18.0	26.0	6.0
M7G17S-220M01	22	±20%	15.7	18.0	13.0	6.0
M7G17S-330M01	33	±20%	15.7	18.0	7.5	6.0

① Inductance tested at 1kHz/0.1V, using an Agilent/HP 4192A or equivalent.

② DCR measured on a micro-ohmmeter.

③ Isat : The DC current at which the inductance decreases by 25% of it's initial value.

④ Irms: The DC current at which $\Delta t=40^{\circ}\text{C}$ ($T_a=25^{\circ}\text{C}$).