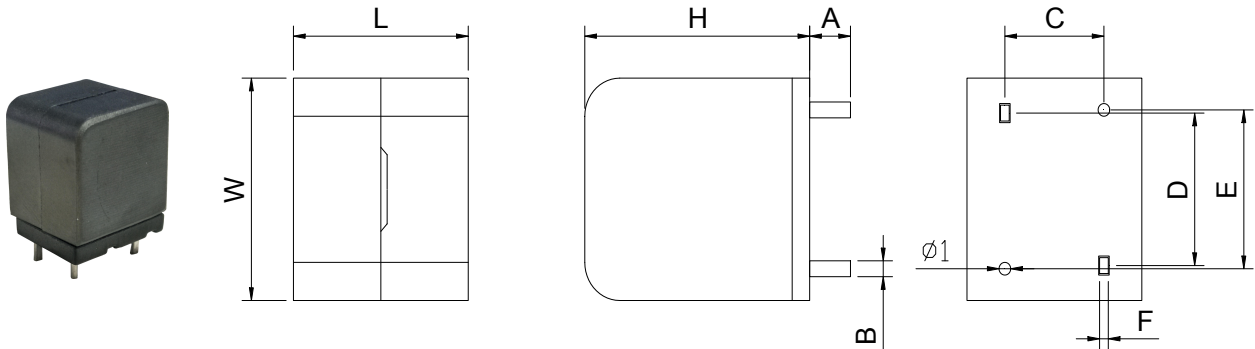


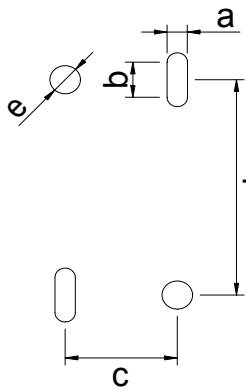
1. Dimensions (mm)



L	W	H	A	B	C	D	E
15.0±1.0	17.5±1.0	19.3 max.	3.5±0.5	1.25±0.5	8.5±1.0	12.0±0.5	0.75±0.5

Dimensions do not include solder on the Pins

2.Recommended Land Pattern



Symbol	Dimensions(mm)
a	1.0
b	1.5
c	8.5
d	12.5
e	1.2

RoHS
Compliance

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
M7G17F-100M01	10	±20%	9.2	10.7	26.0	8.2
M7G17F-220M01	22	±20%	9.2	10.7	13.0	8.2
M7G17F-330M01	33	±20%	9.2	10.7	7.5	8.2

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 $\Delta t=40^{\circ}\text{C}$ ($T_a=25^{\circ}\text{C}$).