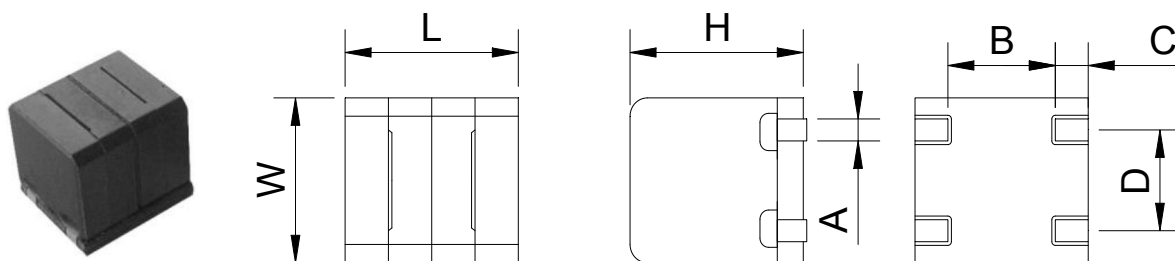


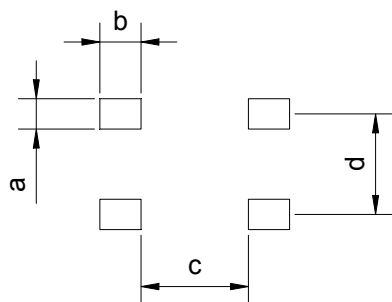
### 1. Dimensions



L	W	H	A	B	C	D
10.8 ± 0.8	9.0 ± 0.5	10.0 max.	1.2 ref.	6.2 ref.	1.9 ref.	5.5 ref.

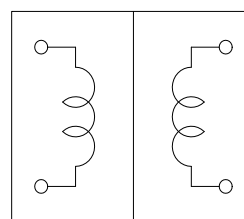
Unit: mm

### 2.Recommended Land Pattern



Symbol	a	b	c	d
mm	1.6	2.3	6.0	5.3

### 3.Schematics



RoHS  
Compliant

### 4. Electrical Characteristics

Part Number	Inductance (μH) ①	Inductance tolerance	DCR (mΩ) Max.(typ.)②	Isat max. (A) ③	Irms typ. (A) ④
DA2W100910S-100MT01	10	±20%	20 (15.6)	6.0	4.5
DA2W100910S-120MT01	12	±20%	22 (16.7)	5.5	4.0
DA2W100910S-150MT01	15	±20%	30 (23.0)	5.0	3.0
DA2W100910S-220MT01	22	±20%	32 (24.5)	4.0	2.5

- ① Inductance tested at 100kHz/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 Δt=40°C (Ta=20°C).