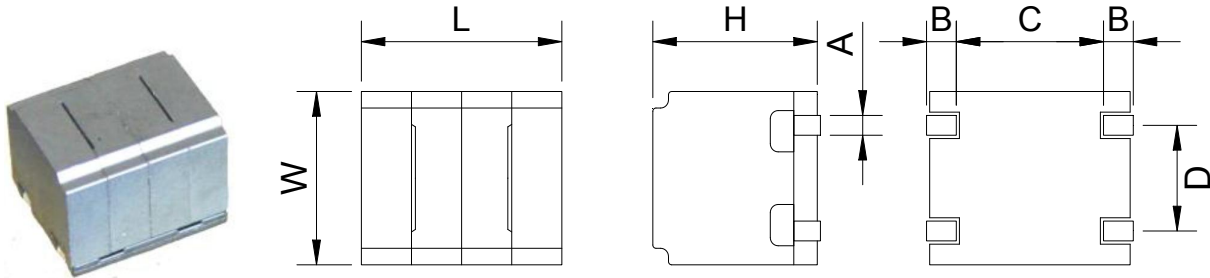


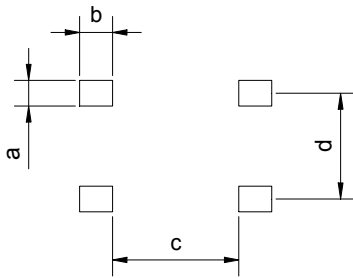
1. Dimensions



L	W	H	A	B	C	D
12.8 ± 0.8	10.5 ± 0.5	10.5 max.	1.2 ref.	1.9 ref.	9.0 ref.	6.4 ref.

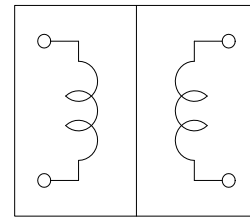
Unit: mm

2.Recommended Land Pattern



Symbol	a	b	c	d
mm	1.6	2.3	8.8	6.2

3.Schematics



RoHS
Compliant

4. Electrical Characteristics

Part Number	Inductance (μH) ①	Inductance tolerance	DCR (mΩ) ②	Isat max. (A) ③	Irms typ. (A) ④
DA2W121010S-100MT01	10	±20%	18 max.	7.1	4.2

- 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).