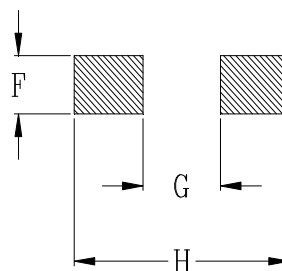
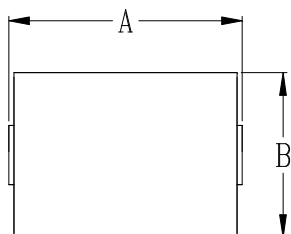


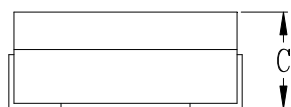


DELTA P/N : HCB1040 Series

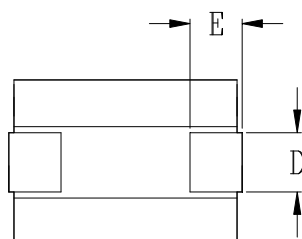
Mechanical dimensions



PCB LAYOUT



Dimensions (Unit : mm)



Dimensions	Value
A	10.2 MAX
B	7.0 MAX
C	4.0 MAX
D	2.5
E	2.0
F	3.0
G	5.3
H	10.5

Electrical Characteristics @ 25°C, 100KHz, 1V

Delta P/N	L ¹ (nH)	Li (nH)	DCR (mΩ)	Isat ² (A)		Ir ³ (A)
				25°C	100°C	
HCB1040-101	100	80	0.36 ± 10%	54	43	37
HCB1040-151	150	120		35	28	
HCB1040-201	200	160		25	20	
HCB1040-221	220	176		23	18	

1. Tolerance of inductance : ± 10%
2. Isat is the DC current which cause the inductance drop to Li
3. Ir is the DC current which cause the surface temperature of the part increase approximately 40 °C.
4. Operating temperature: -40°C to 125°C (Self-temperature rise included).

