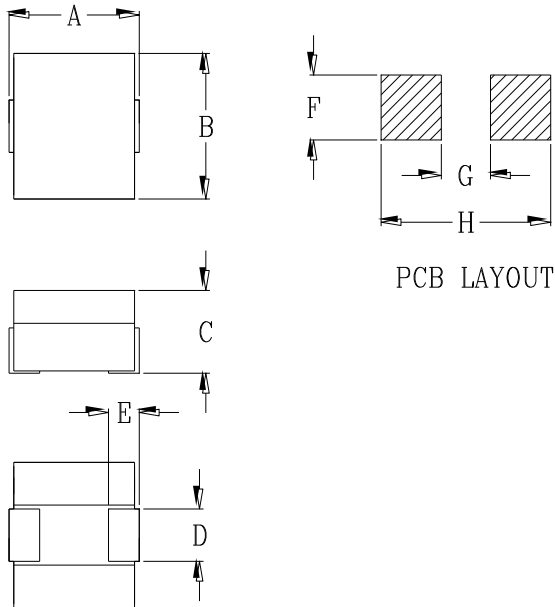




DELTA P/N : HCB0750 Series

Mechanical dimensions



Dimensions (Unit : mm)

	0.19mΩ	0.25mΩ, 0.32mΩ & 0.46mΩ
A	7.2MAX	7.0 MAX
B	7.0 Max	
C	5.2MAX	5.0MAX
D	2.5	
E	1.5	
F	3.0	
G	3.3	
H	7.7	7.5

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

Delta P/N	L ¹ (nH)	Li (nH)	DCR (mΩ)	Isat ² (A)	Ir ³ (A)
HCB0750-700	70	56	0.32 ± 9.5%	75	37
HCB0750-101	100	80		53	
HCB0750-121	120	96		42	
HCB0750-151	150	120		34	
HCB0750-700H2	70	56	0.46 ± 6.5%	75	31
HCB0750-101H2	100	80		53	
HCB0750-121H2	120	96		42	
HCB0750-151H2	150	120		34	
HCB0750-700L	70	56	0.19 ± 10%	75	48
HCB0750-101L	100	80		53	
HCB0750-121L	120	96		42	
HCB0750-151L	150	120		34	
HCB0750-700L2	70	56	0.25 ± 10%	75	41
HCB0750-101L2	100	80		53	
HCB0750-121L2	120	96		42	
HCB0750-151L2	150	120		34	

1. Tolerance of inductance : ± 20%
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).