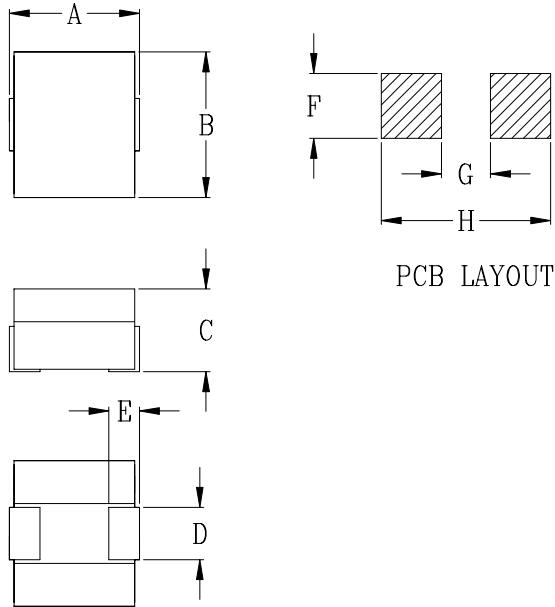




DELTA P/N : HCB0750 Series

Mechanical dimensions



Dimensions (Unit : mm)

	< 0.2m	0.32m	0.46m
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

Delta P/N	L^1 (nH)	Li (nH)	DCR (m Ω)	I_{sat}^2 (A)	I_r^3 (A)
HCB0750-700	70	56	0.32 \pm 9.5%	65	37
HCB0750-101	100	80		48	
HCB0750-121	120	96		38	
HCB0750-151	150	120		32	
HCB0750-700H2	70	56	0.46 \pm 6.5%	65	31
HCB0750-101H2	100	80		48	
HCB0750-121H2	120	96		38	
HCB0750-151H2	150	120		32	
HCB0750-700L	70	56	0.2 MAX	65	54
HCB0750-101L	100	80		48	
HCB0750-121L	120	96		38	
HCB0750-151L	150	120		32	

1. Tolerance of inductance : \pm 20%
2. I_{sat} is the DC current which cause the inductance drop to Li
3. I_r is the DC current which cause the surface temperature of the part increase approximately 40 $^{\circ}$ C .
4. Operating temperature: -40 to 125 (Self-temperature rise included).