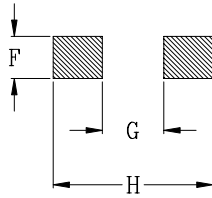
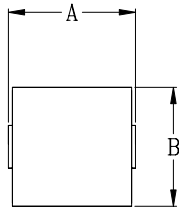


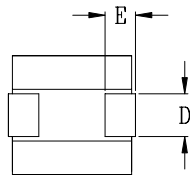
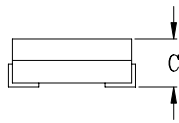


## DELTA P/N : HCB0747 Series

### Mechanical dimensions



PCB LAYOUT



Dimensions (Unit : mm)

	0.16m	0.26m	0.17m
A	7.0 MAX		7.4 MAX
B	7.0 MAX		
C	4.7 MAX		
D	2.5		
E	1.5		
F	3.0		
G	3.3		
H	7.5		7.9

### Electrical Characteristics

Delta P/N	L <sup>1</sup> (nH)	Li (nH)	DCR (m <sup>2</sup> )	Isat <sup>2</sup> (A)	Ir <sup>3</sup> (A)
HCB0747-101	100	80	0.26 ± 10%	40	38
HCB0747-121	120	96		35	
HCB0747-151	150	120		25	
HCB0747-181	180	144		20	
HCB0747-221	220	176		15	
HCB0747-101L	100	80	0.17 ± 10%	40	55
HCB0747-121L	120	96		35	
HCB0747-151L	150	120		25	
HCB0747-181L	180	144		20	
HCB0747-221L	220	176		15	
HCB0747S-101L	100	80	0.16 ± 10%	38	56
HCB0747S-151L	150	120		22	

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 .
4. Operating temperature: -40 to 125 (Self-temperature rise included).