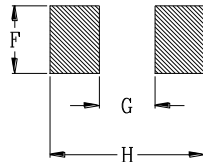
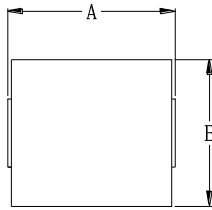


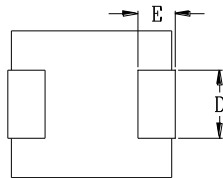
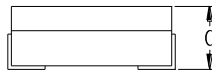


## DELTA P/N : HCB121060 Series

### Mechanical dimensions



PCB LAYOUT



Dimensions (Unit : mm)

A	12.1 MAX
B	10.0 MAX
C	6.0 MAX
D	3.95
E	2.5
F	4.5
G	5.9
H	12.5

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

Delta P/N	L <sup>1</sup> (nH)	Li (nH)	DCR (mΩ)	Isat <sup>2</sup> (A)	Ir <sup>3</sup> (A)
HCB121060-121	120	96	0.48 ± 7%	84	36
HCB121060-181	180	144		64	
HCB121060-211	215	172		53	
HCB121060-231	230	184		47	
HCB121060-321	320	256		34	
HCB121060-361	360	288		30	
HCB121060-421	420	336		25	
HCB121060-121L	120	96	0.29 ± 7%	84	45
HCB121060-181L	180	140		64	
HCB121060-211L	215	172		53	
HCB121060-231L	230	184		47	
HCB121060-321L	320	256		34	
HCB121060-361L	360	288		30	
HCB121060-421L	420	336		25	

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).