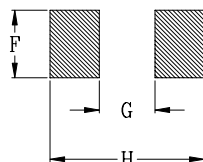
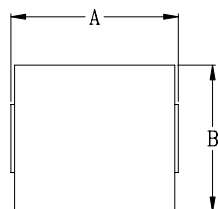


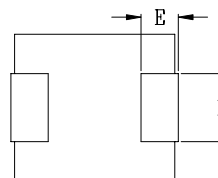
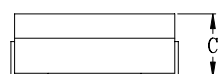


DELTA P/N : HCB121060 Series

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

Delta P/N	L^1 (nH)	L_i (nH)	DCR (m Ω)	I_{sat}^2 (A)	I_r^3 (A)
HCB121060-121	120	96	0.48 \pm 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 \pm 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 : \pm 20%
2. I_{sat} is the DC current which cause the inductance drop to L_i .
3. I_r 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).