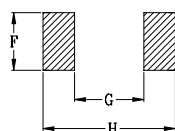
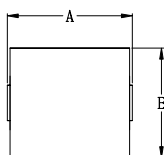


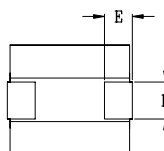
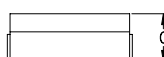


DELTA P/N : HCB1190 Series

Mechanical dimensions



PCB LAYOUT



Dimensions (Unit : mm)

	0.63m	0.31m	0.42m
A	11.2 MAX		
B	11.2 MAX		
C	9.0 MAX		
D	2.0	2.2	1.9
E	2.5		
F	2.54		
G	5.3		
H	11.5		

Electrical Characteristics

Delta P/N	L ¹ (nH)	Li (nH)	DCR (mΩ)	Isat ² (A)	Ir ³ (A)
HCB1190-221	220	180	0.63 ± 9.5%	79	35
HCB1190-251	250	200		63	
HCB1190-271	270	216		58	
HCB1190-321	320	260		53	
HCB1190-361	360	288		48	
HCB1190-381	380	304		45	
HCB1190-471	470	376		36	
HCB1190-551	550	440		28	
HCB1190-221L	220	180	0.31 ± 9.5%	79	50
HCB1190-251L	250	200		63	
HCB1190-271L	270	216		58	
HCB1190-321L	320	260		53	
HCB1190-361L	360	288		48	
HCB1190-381L	380	304		45	
HCB1190-471L	470	376		36	
HCB1190-551L	550	440		28	
HCB1190-221L1	220	180	0.42 ± 9.5%	79	42
HCB1190-251L1	250	200		63	
HCB1190-271L1	270	216		58	
HCB1190-321L1	320	260		53	
HCB1190-361L1	360	288		48	
HCB1190-381L1	380	304		45	
HCB1190-471L1	470	376		36	
HCB1190-551L1	550	440		28	

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).