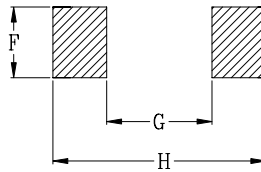
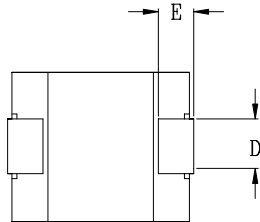
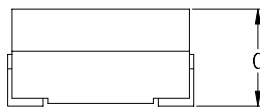
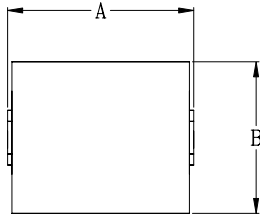




DELTA P/N : HCB106480N Series

Mechanical dimensions



PCB LAYOUT

Dimensions (Unit : mm)

A	9.6 MAX
B	6.4 MAX
C	8.0 MAX
D	2.15
E	2.0
F	2.45
G	3.7
H	9.7

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

Delta P/N	L ¹ (nH)	Li (nH)MIN	DCR (mΩ)	Isat ² (A)	Ir ³ (A)
HCB106480N-101	100	72.0	0.29 ± 5%	95	51
HCB106480N-121	120	86.4		81	
HCB106480N-151	150	108		66	
HCB106480N-181	180	129		54	
HCB106480N-221	220	158		45	
HCB106480N-281	280	201		35	
HCB106480N-301	300	216		33	

1. Tolerance of inductance : ± 15%
2. Isat is the DC current which cause the inductance drop not lower than Li
3. Ir is the DC current which cause the surface temperature of the part increase not over 50 °C .
4. Operating temperature: -40 °C to 125 °C (Self-temperature rise included).

