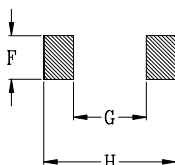
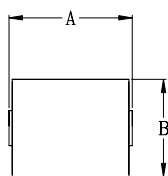


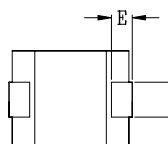
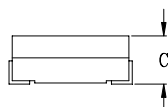


DELTA P/N : HCB0840 Series

Mechanical dimensions



PCB LAYOUT



Dimensions (Unit : mm)

A	8.0 MAX
B	7.0 MAX
C	4.0 MAX
D	2.5
E	1.5
F	3.0
G	4.4
H	8.5

Electrical Characteristics

Delta P/N	L^1 (nH)	Li (nH)	DCR (m Ω)	Isat ² (A)	Ir ³ (A)
HCB0840-151	150	120	0.5 \pm 6%	34	28

1. Tolerance of inductance : \pm 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 $^{\circ}$ C.
4. Operating temperature: -40 $^{\circ}$ C to 125 $^{\circ}$ C (Self-temperature rise included).