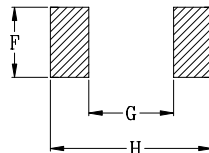
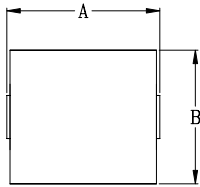


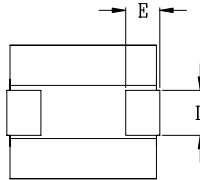


DELTA P/N : HCB1290 Series

Mechanical dimensions



PCB LAYOUT



Dimensions (Unit : mm)

A	12.5 MAX
B	11.0 MAX
C	9.0 MAX
D	2.2
E	2.5
F	3.0
G	6.8
H	12.8

Electrical Characteristics

Delta P/N	L ¹ (nH)	Li (nH)MIN	DCR (mΩ)	Isat ² (A)	Ir ³ (A)
HCB1290-221	220	176	0.33 ± 7%	85	42
HCB1290-301	300	240		62	
HCB1290-681	680	435		22	

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 approximately 40 .
4. Operating temperature: -40 to 125 (Self-temperature rise included).