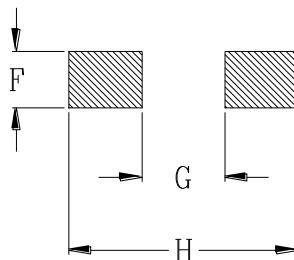
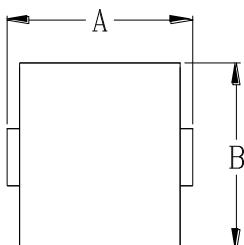


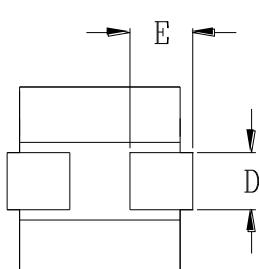
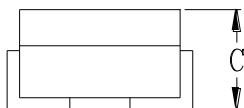


DELTA P/N : HCB44 Series

Mechanical dimensions



PCB LAYOUT



Dimensions (Unit : mm)

A	4.0 MAX
B	4.0 MAX
C	4.0 MAX
D	1.4
E	1.3
F	1.9
G	0.6
H	4.5

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

Delta P/N	L ¹ (nH)	Li (nH)MIN	DCR (mΩ)	Isat ² (A)	Ir ³ (A)
HCB44-500	50	34	0.32 ± 25%	32	19
HCB44-500A	50	34	0.32 ± 10%	32	19
HCB44-650	65	44	0.32 ± 25%	24	19
HCB44-650A	65	44	0.32 ± 10%	24	19
HCB44L-650	65	44	0.29 ± 0.02	24	20.5

1. Tolerance of inductance : ± 20%
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 °C.
4. Operation temperature: -40°C to 125°C (Self-temperature rise includes).