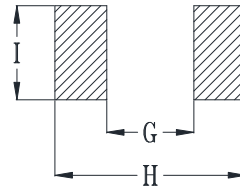
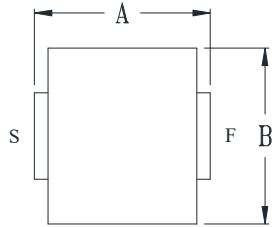


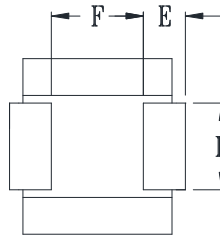
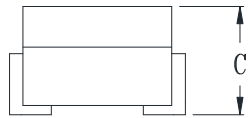


DELTA P/N : HCB0566-L Series

Mechanical Dimensions



PCB LAYOUT



UNIT : mm

A = 5.2 MAX

B = 5.0 MAX

C = 6.6 MAX

D = 2.0±0.3

E = 1.4±0.3

F = 2.2±0.5

G = 1.8

H = 5.5

I = 2.5

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

Delta P/N	L (nH) ± 15%	Li (nH) TYP	DCR (mΩ) ± 7%	Isat ¹ (A)			Ir ² (A)
				25°C	100°C	125°C	
HCB0566-500L	50	40	0.27	72	57	54	53
HCB0566-700L	70	56		51	41	38	
HCB0566-101L	100	80		36	29	27	

1. Isat is the DC current which causes the inductance drop to Li.
2. Ir is the DC current which causes the surface temperature of the part increase approximately 40 °C.
3. Operation temperature: -40°C to 125°C (Self-temperature rise includes).