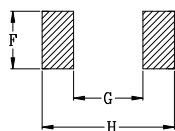
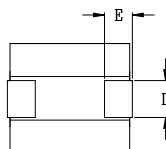
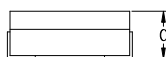
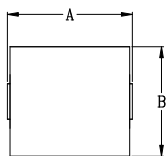




## DELTA P/N : HCB1190 Series

### Mechanical dimensions



PCB LAYOUT

Dimensions (Unit : mm)

	0.63mΩ	0.31mΩ	0.42mΩ
A	11.2 MAX		
B	11.2 MAX		
C	9.0 MAX		
D	2.0	2.2	1.9
E	2.5		
F	2.54		
G	5.3		
H	11.5		

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

Delta P/N	L <sup>1</sup> (nH)	Li (nH)	DCR (mΩ)	Isat <sup>2</sup> (A)			Ir <sup>3</sup> (A)
				25°C	100°C	125°C	
HCB1190-221L	220	180	0.31 ± 9.5%	79	64	59	50
HCB1190-471L	470	376		36	29	27	

1. Tolerance of inductance : ± 20%
2. Isat is the DC current which causes the inductance drop to Li
3. Ir is the DC current which causes the surface temperature of the part increase approximately 40 °C .
4. Operating temperature: -40°C to 125°C (Self-temperature rise included).