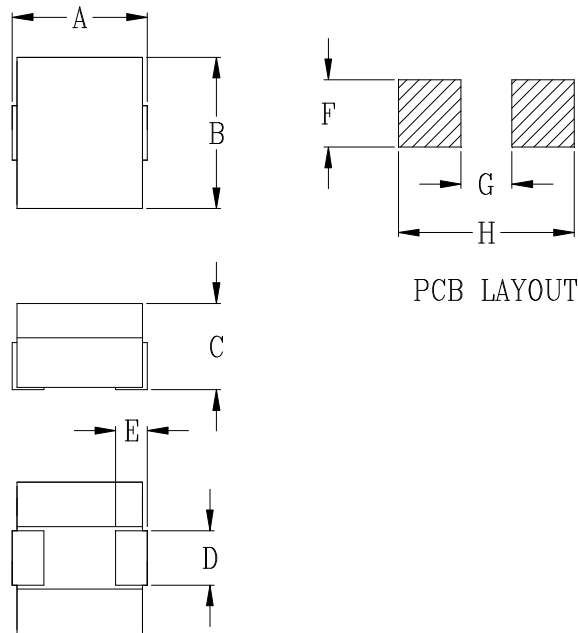


Cyntec P/N : HCB0750 Series

Mechanical Dimensions



Dimensions (Unit : mm)

	0.19mΩ	0.25mΩ / 0.32mΩ / 0.46mΩ
A	7.2MAX	7.0 MAX
B	7.0 Max	
C	5.2MAX	5.0MAX
D	2.5	
E	1.5	
F	3.0	
G	3.3	
H	7.7	7.5

Electrical Characteristics

Part Number	L0 Inductance (nH) @ (0A)	Li (nH)	DCR (mΩ)	Heat Rating Current DC Amps. Idc (A)	Saturation Current DC Amps. Isat (A)
HCB0750-700	70	56	0.32 ± 9.5%	37	75
HCB0750-101	100	80			53
HCB0750-121	120	96			42
HCB0750-151	150	120			34
HCB0750-700H2	70	56	0.46 ± 6.5%	31	75
HCB0750-101H2	100	80			53
HCB0750-121H2	120	96			42
HCB0750-151H2	150	120			34
HCB0750-700L	70	56	0.19 ± 10%	48	75
HCB0750-101L	100	80			53
HCB0750-121L	120	96			42
HCB0750-151L	150	120			34
HCB0750-700L2	70	56	0.25 ± 10%	41	75
HCB0750-101L2	100	80			53
HCB0750-121L2	120	96			42
HCB0750-151L2	150	120			34

*: Inductance Tolerance ± 20%

Note 1. : All test data is referenced to 25℃ ambient.

Note 2. : Test Condition;100KHz, 1.0Vrms

Note 3. : Isat is the DC current which cause the inductance drop to Li

Note 4. : Idc is the DC current which cause the surface temperature of the part increase approximately 40℃.

Note 5. : Operating temperature: -40℃ to 125℃ (Self-temperature rise included).

Note 6. : The rated current as listed is either the saturation current or the heating current depending on which value is lower.

■ Current Characteristic

