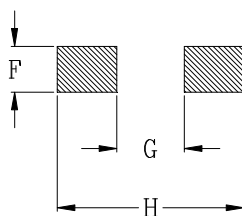
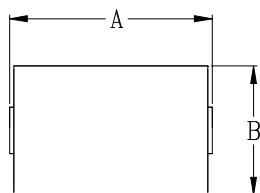
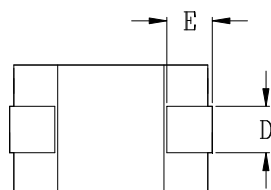
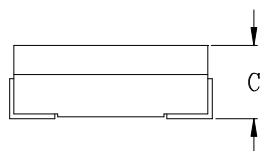


Cyntec P/N : HCB126030 Series

Mechanical Dimensions



PCB LAYOUT



Dimensions (Unit : mm)

A	12.1 MAX
B	6.0 MAX
C	3.0 MAX
D	3.5
E	2.5
F	4.0
G	6.4
H	12.5

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)
HCB126030-141	140	130	0.25 ± 10%	35	25
HCB126030-171	170	130			25

*: Inductance Tolerance ± 20%

Note 1. : All test data is referenced to 25°C 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 °C.

Note 5. : Operating temperature: -40°C to 125°C (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

