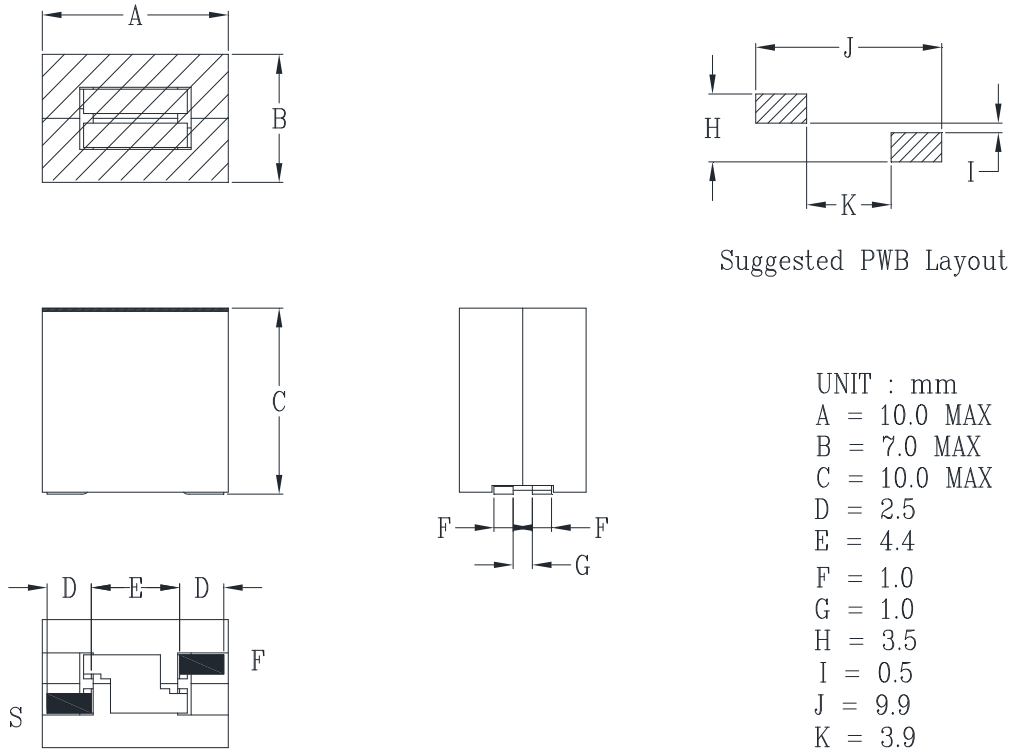


CYNTEC CO., LTD.

乾坤科技股份有限公司

HCUVD107010 Series

Mechanical Dimensions



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

Delta P/N	L (nH) ± 10%	Li (nH) MIN	DCR (mΩ) ± 10%	Isat ¹ (A)			Ir ² (A)
				25°C	100°C	125°C	
HCUVD107010-331L	330	231	0.81	67	54	50	30
HCUVD107010-471L	470	329		47	37	35	
HCUVD107010-681L	680	476		36	29	27	
HCUVD107010-821L	820	574		33	26	25	
HCUVD107010-102L	1000	700		22	17	16	

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. Operating temperature: -40°C to 125°C (Self-temperature rise included).