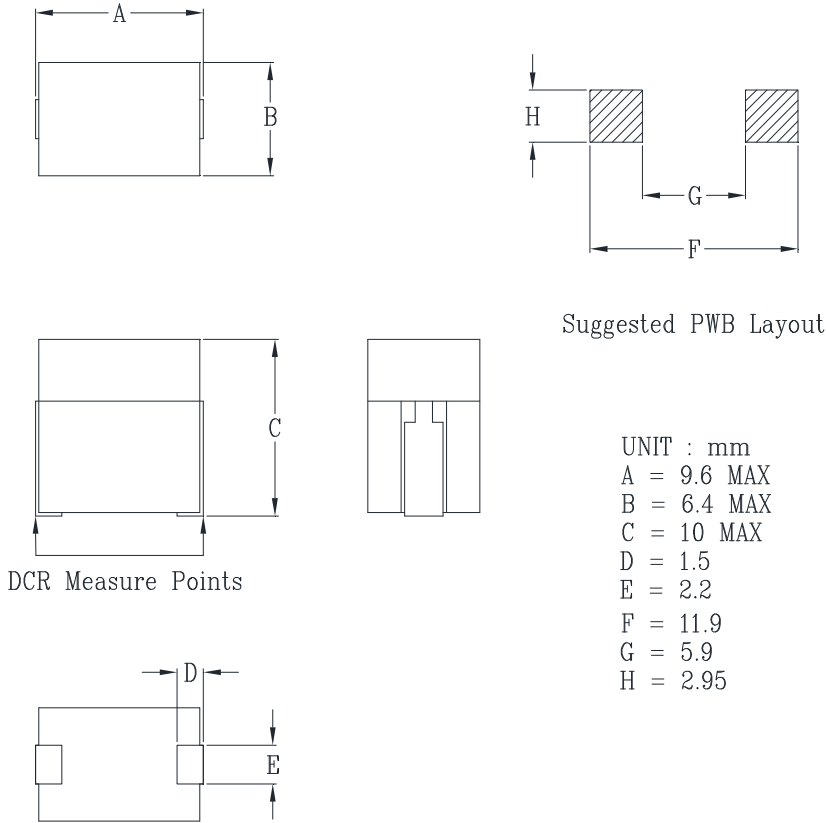


CYNTEC CO., LTD.

乾坤科技股份有限公司

HCBS9610F Series

Mechanical Dimensions



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

Delta P/N	L ¹ (nH)	Li (nH) MIN	DCR (mΩ) ± 10%	Isat ² (A)			Ir ³ (A)
				25°C	100°C	125°C	
HCBS9610F-700	70	50.4	0.145	124	115	108	78
HCBS9610F-101	100	72.0		95	82	76	
HCBS9610F-121	120	86.4		78	67	62	
HCBS9610F-221	220	158.4		38	34	30	

1. Tolerance of inductance: ± 15% for 70nH, ± 10% for other parts.
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).

CYNTEC CO., LTD.

乾坤科技股份有限公司