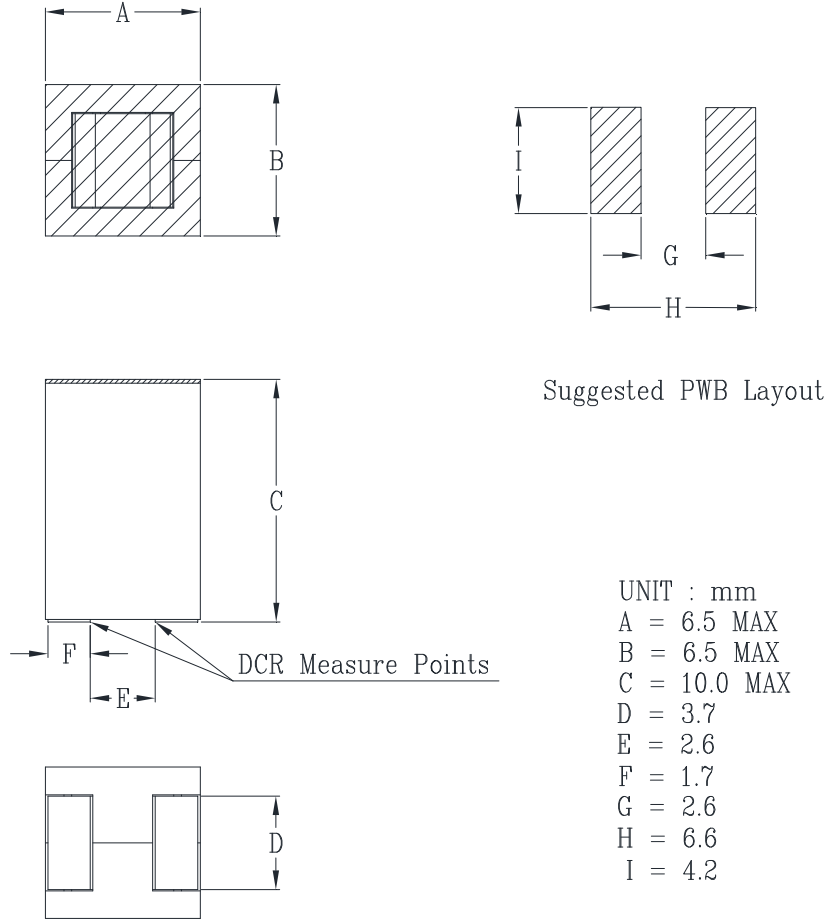


# CYNTEC CO., LTD.

## 乾坤科技股份有限公司

### HCME656510F Series

#### Mechanical Dimensions



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

Delta P/N	L (nH) ± 15%	Li (nH) TYP	DCR (mΩ) ± 10%	Isat <sup>1</sup> (A)			Ir <sup>2</sup> (A)
				25°C	100°C	125°C	
HCME656510F-101	100	80	0.17	80	70	64	70
HCME656510F-121	120	96		69	60	55	
HCME656510F-151	150	120		52	46	42	
HCME656510F-221	220	176		33	30	26	

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).