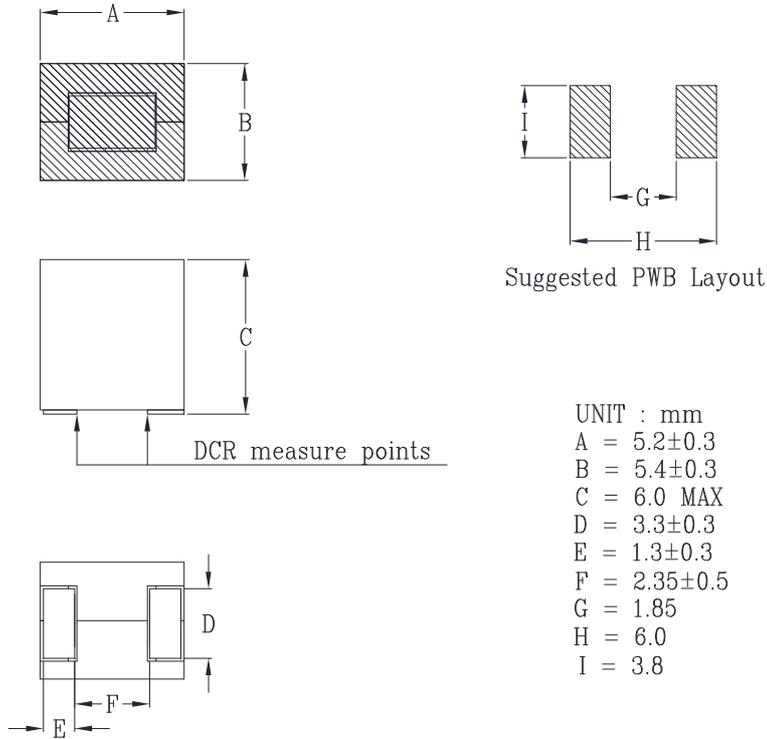


# CYNTEC CO., LTD.

## 乾坤科技股份有限公司

### HCUVE66 Series

#### Mechanical Dimensions



- UNIT : mm
- A = 5.2±0.3
  - B = 5.4±0.3
  - C = 6.0 MAX
  - D = 3.3±0.3
  - E = 1.3±0.3
  - F = 2.35±0.5
  - G = 1.85
  - H = 6.0
  - I = 3.8

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

Delta P/N	L (nH) ± 10%	Li (nH) MIN	DCR (mΩ) ± 5%	Isat <sup>1</sup> (A)			Ir <sup>2</sup> (A)
				25°C	100°C	125°C	
HCUVE66-550	55	35	0.2	74	60	55	50
HCUVE66-101	100	64		40	32	30	

1. Tolerance of inductance: ± 20% for 55nH parts, ± 10% for 100nH 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 150°C (Self-temperature rise included).