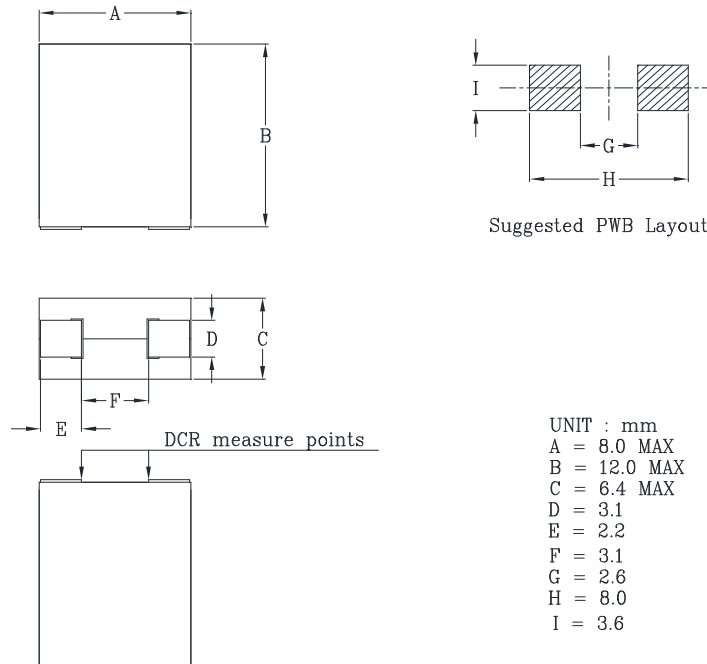


CYNTEC CO., LTD.

乾坤科技股份有限公司

HCUVE806412 Series

Mechanical dimensions



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

Delta P/N	L ¹ (nH)	Li (nH) MIN	DCR (mΩ)	Isat ² (A)			Ir ³ (A)
				25°C	100°C	125°C	
HCUVE806412-121	120	86	0.18 ± 10%	100	80	75	61
HCUVE806412-151	150	108		81	65	61	

1. Tolerance of inductance : ± 10%
2. Isat is the DC current which cause the inductance drop to Li.
3. Ir is the DC current which cause the surface temperature of the part increase approximately 40 °C.
4. Operating temperature: -40°C to 125°C (Self-temperature rise included).