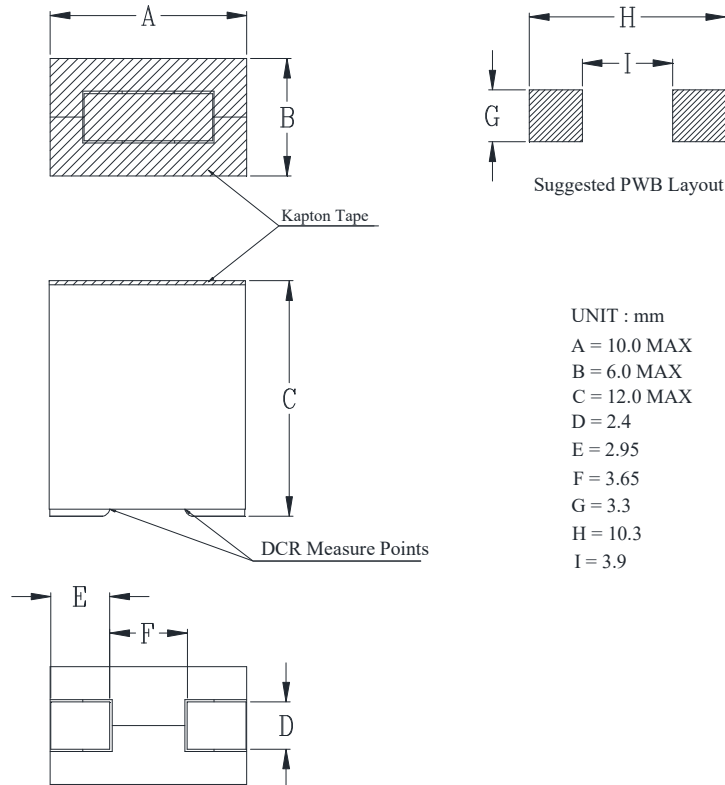


CYNTEC CO., LTD.

乾坤科技股份有限公司

HCME1012(F) Series

Mechanical Dimensions



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

Delta P/N	L (nH) ± 15%	Li (nH) MIN	DCR (mΩ) ± 10%	Isat ¹ (A)			Ir ² (A)
				25°C	100°C	125°C	
HCME1012-700	70	49	0.125	160	130	120	77
HCME1012-101	100	70		125	105	97	
HCME1012-121	120	84		105	88	81	
HCME1012-151	150	105		83	70	65	
HCME1012-331	330	231		35	28	26	
HCME1012F-700	70	49	0.125	150	130	120	77
HCME1012F-101	100	70		123	105	98	
HCME1012F-121	120	84		103	88	82	
HCME1012F-151	150	105		82	70	66	
HCME1012F-331	330	231		33	28	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).