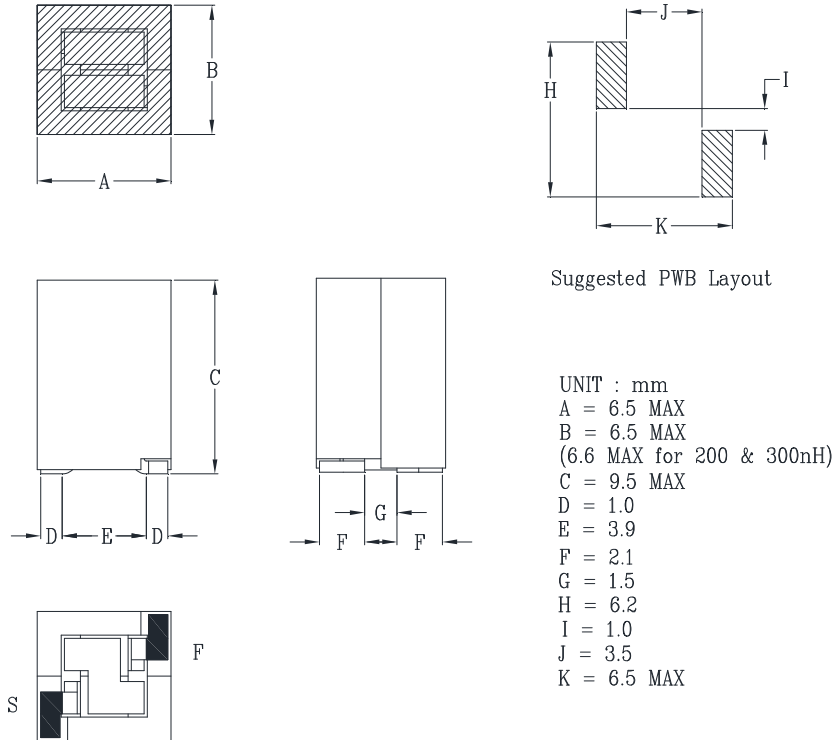


CYNTEC CO., LTD.

乾坤科技股份有限公司

HCUVD6595 Series

Mechanical Dimensions



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

Delta P/N	L (nH) ± 10%	Li (nH) TYP	DCR (mΩ) ± 15%	Isat ¹ (A)			Ir ² (A)
				25°C	100°C	125°C	
HCUVD6595-201	200	160	0.85	66	52	49	28
HCUVD6595-301	300	240		45	36	34	
HCUVD6595-401	400	320		30	24	22	
HCUVD6595-471	470	376		25	20	19	
HCUVD6595-601	600	480		20	16	15	
HCUVD6595-801	800	640		15	12	11	
HCUVD6595-102	1000	800		12	10	9	

1. Isat is the DC current which causes the inductance drop to Li typical. (>Li*0.8)
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).