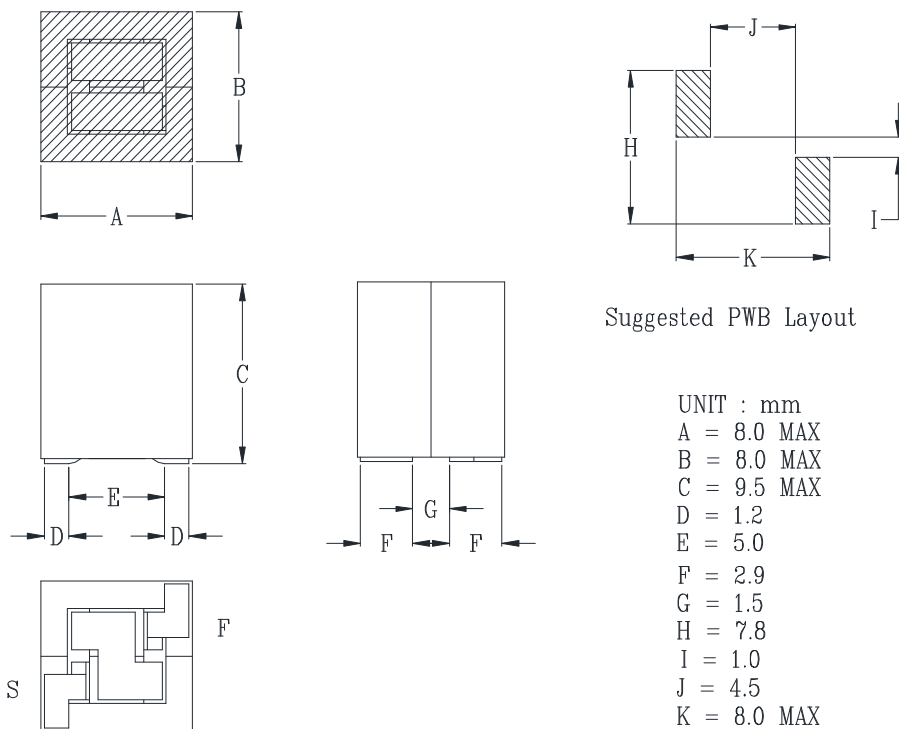




## DELTA P/N : HCUVD8095 Series

### Mechanical Dimensions



UNIT : mm  
 A = 8.0 MAX  
 B = 8.0 MAX  
 C = 9.5 MAX  
 D = 1.2  
 E = 5.0  
 F = 2.9  
 G = 1.5  
 H = 7.8  
 I = 1.0  
 J = 4.5  
 K = 8.0 MAX

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

Delta P/N	L (nH) ± 10%	Li (nH) TYP	DCR (mΩ) ± 15%	Isat <sup>1</sup> (A)			Ir <sup>2</sup> (A)
				25°C	100°C	125°C	
HCUVD8095-301	300	240	0.8	67	54	50	28
HCUVD8095-401	400	320		50	40	37	
HCUVD8095-471	470	376		41	33	31	
HCUVD8095-601	600	480		32	26	24	
HCUVD8095-801	800	640		24	19	18	
HCUVD8095-102	1000	800		19	15	14	

1. Isat is the DC current which cause the inductance drop to Li typical. (>Li\*0.8)
2. Ir is the DC current which cause the surface temperature of the part increase approximately 40 °C.
3. Operating temperature: -40°C to 125°C (Self-temperature rise included).