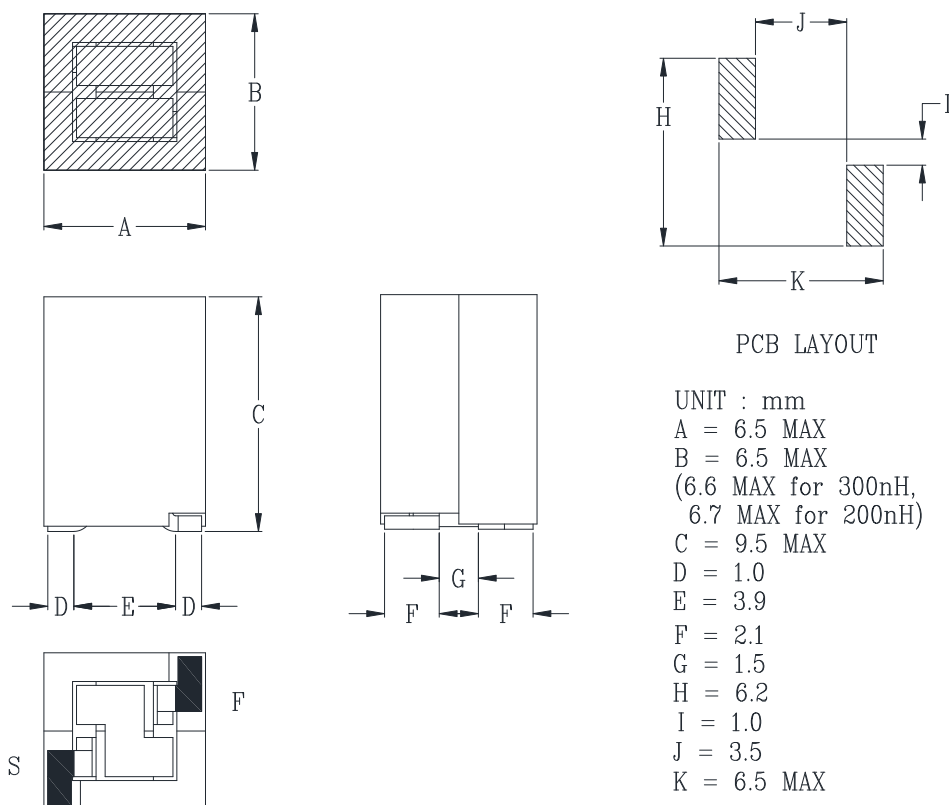




DELTA P/N : HCUVD6595 Series

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 | 30 |
| 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).