

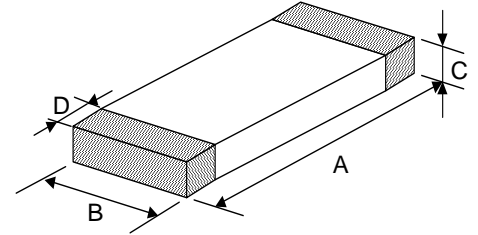


CP1008 Power Chip Inductor



Features:

- 1008 foot print Power Chip inductor.
- Low profile - 0.90 mm Max. height.
- Ideal for portable, Mobile & high density board design.
- Suitable for 1Mhz to 100Mhz frequency application.
- Suitable for IR reflow and wave solder process.
- Tape & Reel Quantity: 4000 pcs.



Electrical Specifications				
Part Number	L ± 20% (μH)	DCR ± 30% (mΩ)	Isat (Amp)	Irms (Amp)
CP1008-1R0M	1.00	75.00	2.0	3.0
CP1008-1R2M	1.20	75.00	1.5	3.0
CP1008-1R5M	1.50	90.00	1.1	2.0
CP1008-2R2M	2.20	110.00	1.1	1.8
CP1008-2R7M	2.70	110.00	1.0	1.5

Mechanical Dimensions (Unit: mm)			
A	B	C	D
± 0.2	±0.2	Max.	± 0.3
2.5	2	0.9	0.5

Note:

1. Test condition: 1 MHz, 0.25 V, 25 °C.
2. Isat: DC Current rating at max. of 50% roll off from OCL.
3. Irms: DC current rating at 40° C temperature raise (typical).
4. Operating temperature: -55 °C ~125 °C.

