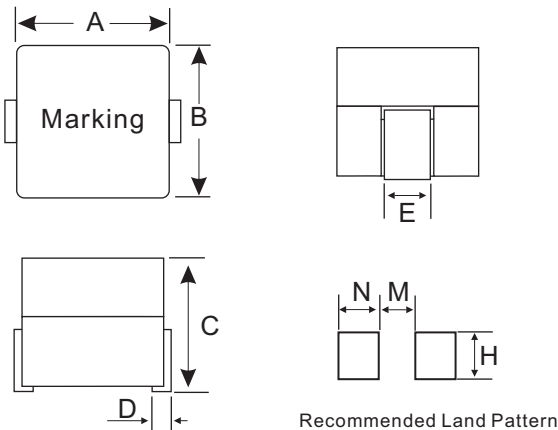
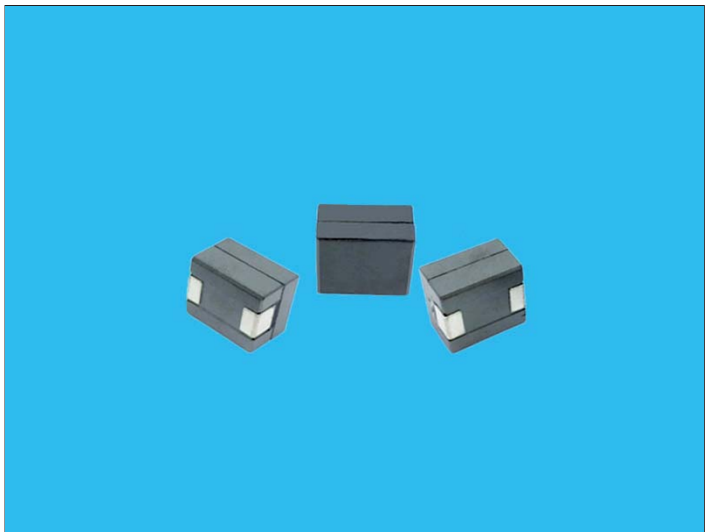


SMD High Current Power Beads



Dimensions and Footprint (Unit:mm)

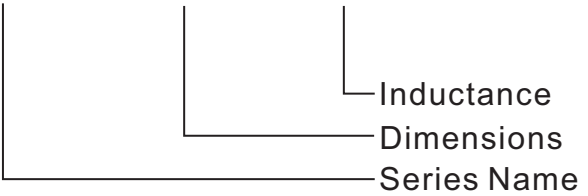
Type	A	B	C	D	E	N	M	H
CPBS08065	10.5 Max.	8.0 Max.	6.5 Max.	2.54±0.5	2.24±0.5	3.0 Ref.	4.32 Ref.	2.8 Ref.

Description

- Superior quality for an automated production line.
- Magnetically shielded.
- Flat wire windings provide exceptionally low DC resistance.
- Frequency range: up to 2MHz.
- AEC-Q200 compliance.

Part Number Code

CPBS08065-R12M

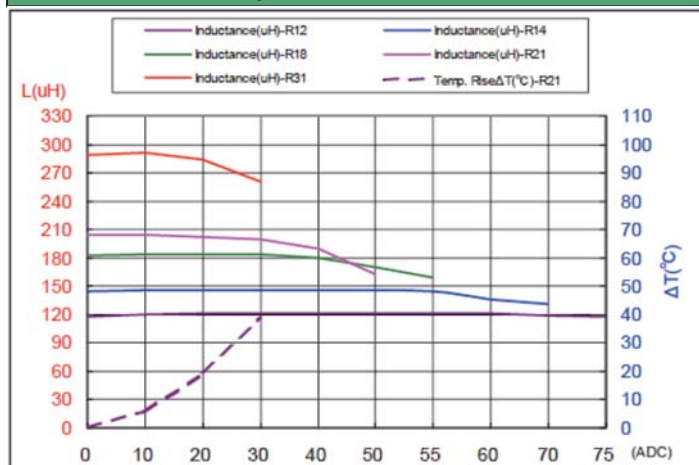


Electrical Specifications-CPBS08065

Part Number	Inductance(nH) (±20%)	DCR (mΩ) (±8%)	Inductance(nH) @Isat(Type)	Irms(Max) (A)	Isat(Max) (A)
CPBS08065-R12M	120	0.48	120.0	30.0	74.0
CPBS08065-R14M	140	0.48	140.0	30.0	66.0
CPBS08065-R18M	180	0.48	180.0	30.0	52.0
CPBS08065-R21M	215	0.48	200.0	30.0	50.0
CPBS08065-R31M	310	0.48	250.0	30.0	30.0

- The saturation current indicates the value of DC current is approximately 20% lower than its initial value of inductance.
- Inductance Tested at 100KHz, 0.1Vrms.
- Δ t=40°C.

Inductance/Temperature Rise VS DC BIAS



CPBS08065