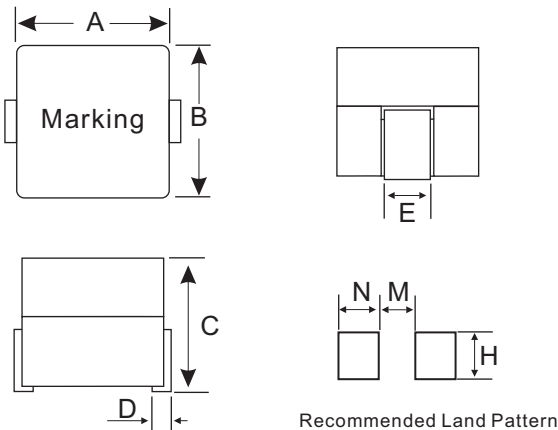
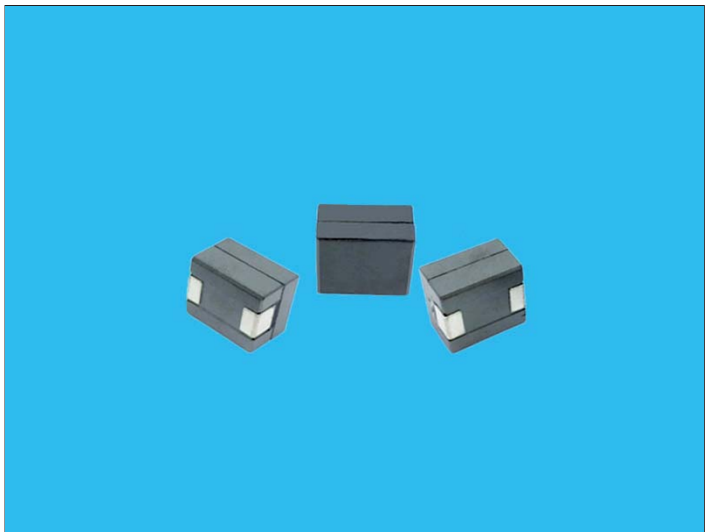


SMD High Current Power Beads



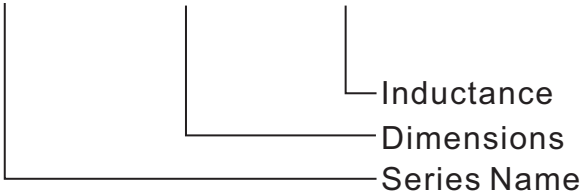
Dimensions and Footprint (Unit:mm)

Type	A	B	C	D	E	N	M	H
CPBS09075	12.5 Max.	9.0 Max.	7.5 Max.	3.0 Type	3.0 Type	3.5 Ref.	5.0 Ref.	3.5 Ref.
CPBS09480	9.4±0.2	6.2±0.2	8.0 Max.	2.3±0.2	2.15±0.25	3.2 Ref.	4.0 Ref.	2.54 Ref.

DescriptionPart Number Code

- 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.

CPBS09075-R12M



Electrical Specifications-CPBS09075

Part Number	Inductance(nH) (±20%)	DCR (mΩ) (±10%)	Inductance(nH) @IDC(±20%)	Irms(Max) (A)	Isat(Max) (A)
CPBS09075-R12M	120	0.21	108.0	55.0	85.0
CPBS09075-R15M	150	0.21	135.0	55.0	75.0
CPBS09075-R18M	180	0.21	162.0	55.0	65.0
CPBS09075-R22M	220	0.21	198.0	55.0	55.0
CPBS09075-R27M	270	0.21	243.0	40.0	40.0
CPBS09075-R30M	300	0.21	270.0	30.0	32.0

Electrical Specifications-CPBS09480

Part Number	Inductance(nH) (±20%)	DCR (mΩ) (±5%)	Inductance(nH) @Isat(Min.)	Irms(Max) (A)	Isat(Max) (A)
CPBS09480-R10M	100	0.29	72.0	51.0	94.0
CPBS09480-R12M	120	0.29	86.0	51.0	79.0
CPBS09480-R15M	150	0.29	108.0	51.0	65.0
CPBS09480-R18M	180	0.29	129.0	51.0	55.0
CPBS09480-R22M	220	0.29	155.0	51.0	44.0
CPBS09480-R28M	280	0.29	200.0	51.0	34.0
CPBS09480-R30M	300	0.29	216.0	51.0	32.5

- 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.