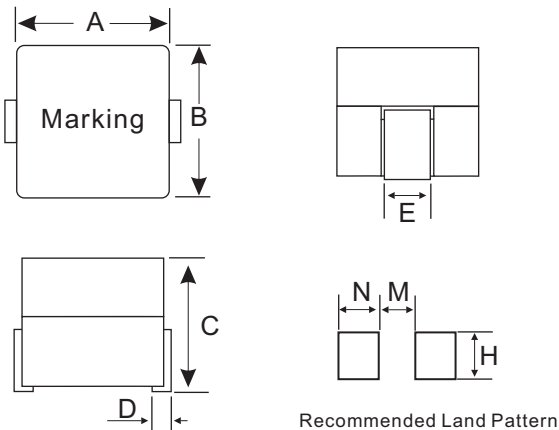
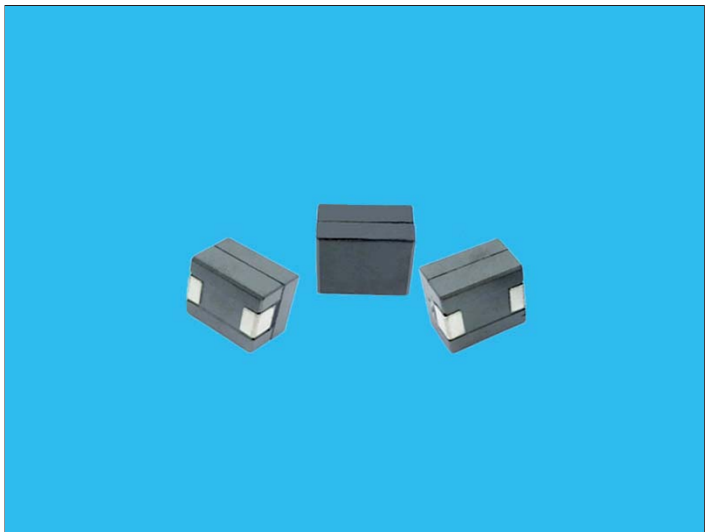


# SMD High Current Power Beads



## Dimensions and Footprint (Unit:mm)

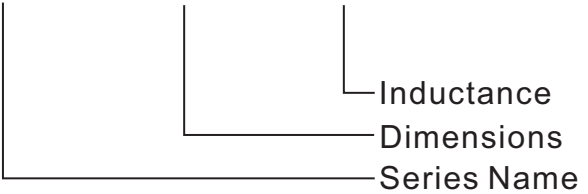
| Type      | A        | B        | C        | D        | E        | N        | M        | H        |
|-----------|----------|----------|----------|----------|----------|----------|----------|----------|
| CPBS04560 | 4.5 Max. | 4.5 Max. | 6.0 Max. | 1.2 Type | 1.5 Type | 2.0 Ref. | 1.2 Ref. | 2.5 Ref. |

## 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

CPBS04560-R10M



## Electrical Specifications-CPBS04560

| Part Number    | Inductance(nH)<br>(±20%) | DCR (mΩ)<br>(±10%) | Inductance(nH)<br>@Isat(Min.) | Irms(Max)<br>(A) | Isat(Max)<br>(A) |
|----------------|--------------------------|--------------------|-------------------------------|------------------|------------------|
| CPBS04560-R10M | 100.00                   | 0.3                | 70.0                          | 40.0             | 16.0             |

- 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

