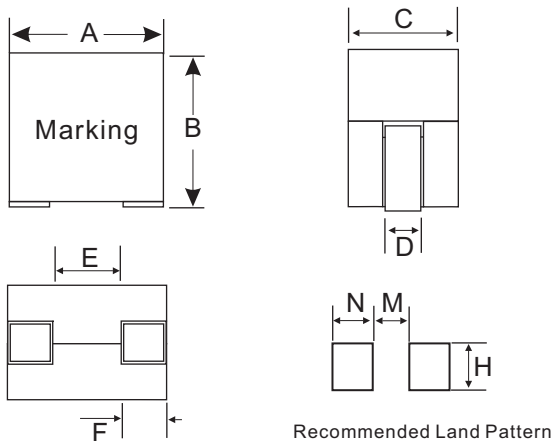
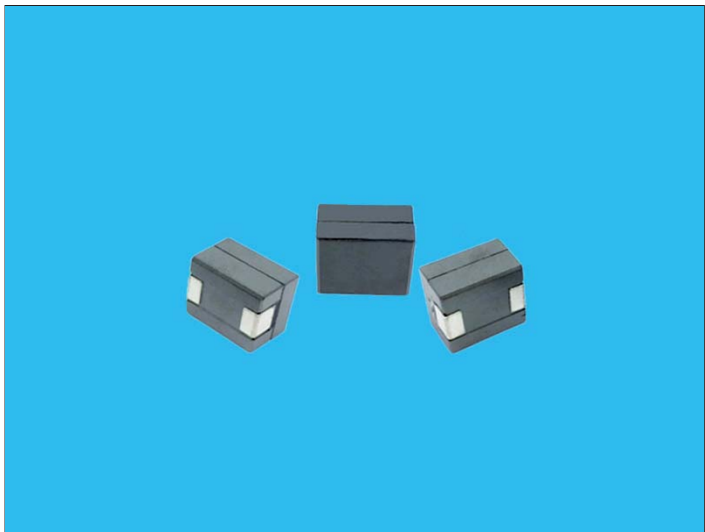


SMD High Current Power Beads



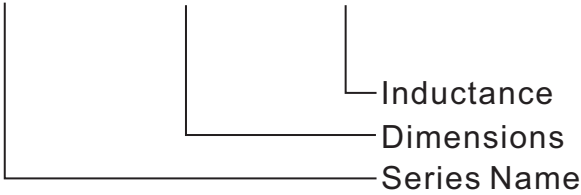
Dimensions and Footprint (Unit:mm)								
Type	A	B	C	D	F	N	M	H
CPBS10250	10.2 Max.	5.0 Max.	7.0 Max.	2.5 Typ.	1.52 Typ.	2.03 Ref.	6.35 Ref.	3.05 Ref.
CPBS10275	11.0 Max.	7.5 Max.	7.3 Max.	2.8 Typ.	2.85 Typ.	3.5 Ref.	4.5 Ref.	3.5 Ref.

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

CPBS10250-R15M



Electrical Specifications-CPBS10250					
Part Number	Inductance(nH) (±20%)	DCR (mΩ) (±7%)	Inductance @Isat(nH) (±20%)	Irms(Max) (A)	Isat(Max) (A)
CPBS10250-R10M	100	0.31	100	31	70
CPBS10250-R12M	120	0.31	120	31	50
CPBS10250-R15M	155	0.31	150	31	40
CPBS10250-R22M	220	0.31	190.0	31	33.0
CPBS10250-R34M	340	0.31	280	31	18

Electrical Specifications-CPBS10275

Part Number	Inductance(nH) (±15%)	DCR (mΩ) (±10%)	Inductance(nH) @IDC(Typ.)	Irms(Max) (A)	Isat(Max) (A)
CPBS10275-R15L	150	0.29	146	50	50
CPBS10275-R18L	175	0.29	149	45	50
CPBS10275-R20L	200	0.29	170	40	50
CPBS10275-R27L	270	0.29	230	32	50
CPBS10275-R30L	300	0.29	250	27	50

- 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.