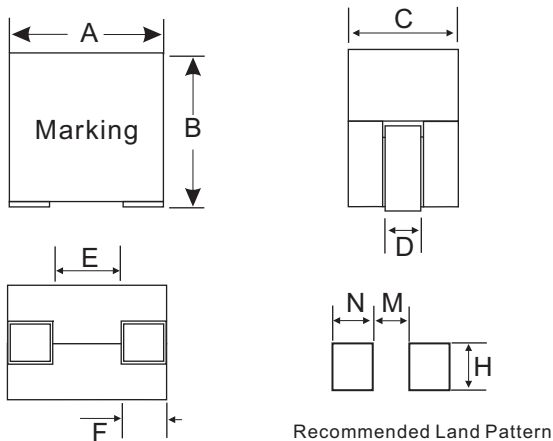
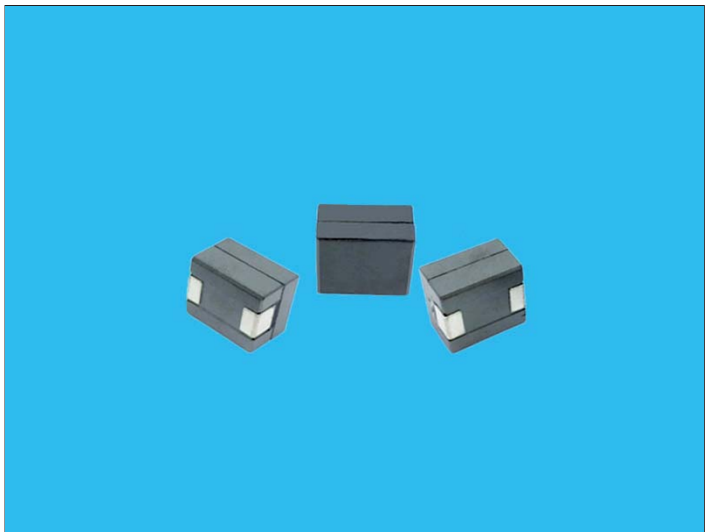


SMD High Current Power Beads



Dimensions and Footprint (Unit:mm)									
Type	A	B	C	D	E	F	N	M	H
CPBS11075	11.5 Max.	7.8 Max.	7.8 Max.	1.5 Typ.	5.5 Typ.	3.0 Typ.	3.5±0.1	4.0 Typ.	2.0±0.1
CPBS11080	10.8 Max.	8.0 Max.	8.0 Max.	2.5 Type	5.8 Typ.	2.5 Type	3.0±0.1	4.7 Typ.	3.0±0.1
CPBS11090	11.4 Max.	11.2 Max.	7.0 Max.	2.3 Type	5.6 Typ.	2.9 Type	3.5±0.1	4.43 Typ.	3.0±0.1

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

CPBS11075-R12M

Inductance

Dimensions

Series Name

Electrical Specifications-CPBS11075					
Part Number	Inductance(nH) (±20%)	DCR (mΩ) (±10%)	Inductance(nH) @IDC(±20%)	Irms(Max) (A)	Isat(Max) (A)
CPBS11075-R12M	120	0.29	108	55	95
CPBS11075-R15M	150	0.29	135	55	80
CPBS11075-R18M	180	0.29	162	55	70
CPBS11075-R22M	220	0.29	198	55	55
CPBS11075-R27M	270	0.29	243	45	45

Electrical Specifications-CPBS11075

Part Number	Inductance(nH) (±20%)	DCR (mΩ) (±10%)	Inductance(nH) @IDC(±20%)	Irms(Max) (A)	Isat(Max) (A)
CPBS11075-R30M	300	0.29	270	37	37
CPBS11075-R40M	400	0.29	360	25	25

- 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.

Electrical Specifications-CPBS11080

Part Number	Inductance(nH) (±20%)	DCR (mΩ) (±10%)	Inductance(nH) @IDC(±20%)	Irms(Max) (A)	Isat(Max) (A)
CPBS11080-R12M	120	0.180	108.0	75.0	100.0
CPBS11080-R15M	150	0.180	135.0	75.0	85.0
CPBS11080-R18M	180	0.180	162.0	75.0	70.0
CPBS11080-R22M	220	0.180	198.0	75.0	58.0
CPBS11080-R27M	270	0.180	243.0	75.0	44.0
CPBS11080-R30M	300	0.180	270.0	75.0	36.0

- 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.

Electrical Specifications-CPBS11090

Part Number	Inductance(nH) (±20%)	DCR (mΩ) (±10%)	Inductance(nH) @IDC(Typ.)	Irms(Max) (A)	Isat(Max) (A)
CPBS11090-R22M	220	0.58	225	35	65
CPBS11090-R27M	270	0.58	280	35	50
CPBS11090-R32M	325	0.58	325	35	40
CPBS11090-R47M	470	0.58	420	35	28

- 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.