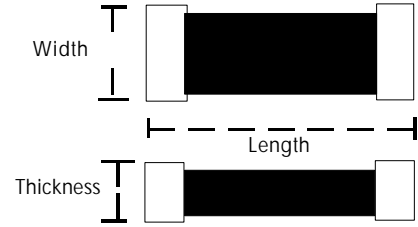


**NEW PRODUCT**  
**HIGH CURRENT**  
**CHIP EMI SUPPRESSORS**

Sizes 0805 to 1812 have terminal lengths of 0.50mm ±0.30mm  
 Size 0603 has terminal length of 0.30mm ±0.20mm

**FEATURES**

- Multilayer technology
- Greater current handling capacity per unit volume
- Conforms to EIA standard
- Suitable for Flow and Reflow soldering process
- Available in various sizes
- Operating temperature -55°C to +125°C
- Storage temperature -55°C to +105°C



Part number	Z (Ω) @ 100 MHz	Tol (%)	DCR Max (Ω)	Rated current Max (mA)	Test equipment used	Dimensions in millimeters Length x Width x Thickness with tolerance ±0.20 mm	Packaging	
							Regular 178mm reel	Special 330mm reel
BCB-0805-1.5A	12	±25%	0.05	1500	HP4291A with test fixture	2.00 x 1.25 x 0.90	4000	10000
ICB-0805-3.0A	30		0.03	3000		2.00 x 1.25 x 0.90	4000	10000
LCB-0805-2A	600		0.10	2000		2.00 x 1.25 x 0.90	4000	10000
BCB-1206-1.5A	32	±25%	0.10	1500	HP16192A and with HP6632A power supply with adapter	3.20 x 1.60 x 1.10	3000	10000
DCB-1206-2.0A	80		0.10	2000		3.20 x 1.60 x 1.10	3000	10000
ICB-1206-3.0A	100		0.03	3000		3.20 x 1.60 x 1.10	3000	10000
KCB-1206-1.0A	600		0.20	1000		3.20 x 1.60 x 1.10	3000	10000
BCB-1210-3.0A	65	±25%	0.03	3000	HP16200A	3.20 x 2.50 x 1.30	2500	10000
BCB-1806-5.0A	60		0.01	5000**		4.50 x 1.60 x 1.60	2000	10000
DCB-1806-3.5A	80	0.05	3500	3500	4.50 x 1.60 x 1.60	2000	10000	
BCB-1812-1.5A	125	±25%	0.10	1500	HP16200A	4.50 x 3.20 x 1.50	1000	10000
BCB-1812-3.5A	125		0.05	3500		4.50 x 3.20 x 1.50	1000	10000
ACB-1812-5.0A	80		0.01	5000**		4.50 x 3.20 x 1.50	1000	10000

**\*\*NOTE:** Since the HP4291A maximum current is 5A, we rated both items BCB-1806-5.0A and ACB-1812-5.0A at 5000 mA maximum. However, we also ran destructive tests and both items can handle 6000 mA and were not destroyed until current reach 12000 mA.

**TYPICAL IMPEDANCE VERSUS CURRENT GRAPH**

BCB-1206-1.5A



BCB-1806-1.5A



Find price and stock options from leading distributors for BCB-1812-1.5A on Findchips.com:

<https://findchips.com/search/BCB-1812-1.5A>

Find CAD models and details for this part:

<https://findchips.com/detail/bcb-1812-1.5a/Associated-Components-Technology-Inc>