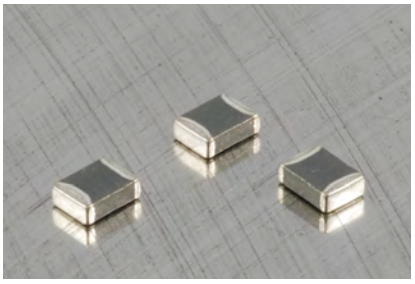
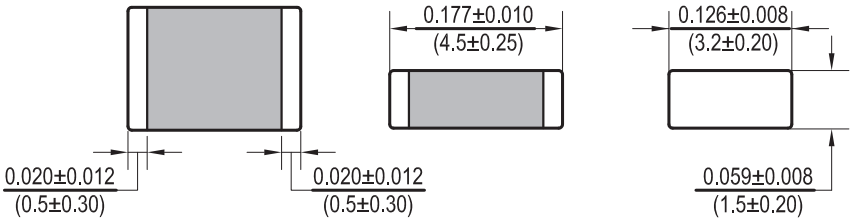
Ultra Current Beads UCB50



Dimensions: Inches / (mm)



Allied Part Number	Impedance (Ω)	Tolerance (%)	Test Freq. MHz, 200mV	DCR Max. (Ω)	Rated Current (mA)Max
UCB50-560T-RC	56	25	100	0.01	9000
UCB50-700T-RC	70	25	100	0.01	9000
UCB50-800T-RC	80	25	100	0.01	9000
UCB50-900T-RC	90	25	100	.015	6000
UCB50-121T-RC	120	25	100	0.02	6000
UCB50-151T-RC	150	25	100	0.02	6000

All specifications subject to change without notice.

Features

- Ultra High Current
- Standard 1812 size
- Triple plated RoHS Compliant Terminations
- Excellent Solderability

Electrical

Impedance range: 56Ω to 150Ω
Tolerance: 25% over entire range available in tighter tolerances
Operating Temp: -55ºC ~ +125ºC
Rated Current: The current at which the temperature rise shall be no more that 30ºC Also, the rated current is de-rated above 85ºC to approximately 1000mA at 125ºC

Resistance to Solder Heat

Pre-Heat 150ºC, 1 minute
Solder Composition: Sn/Ag3.0/Cu0.5(Pb-Free)
Solder Temp: 260ºC peak for 10 sec. ± 1 sec.

Test Equipment

(Z): HP4291A RF Impedance/Material Analyzer
(RDC): Chen Hwa 502BC/HP4338B

Physical

Packaging: 1000 pieces per 7 inch reel
Marking: None