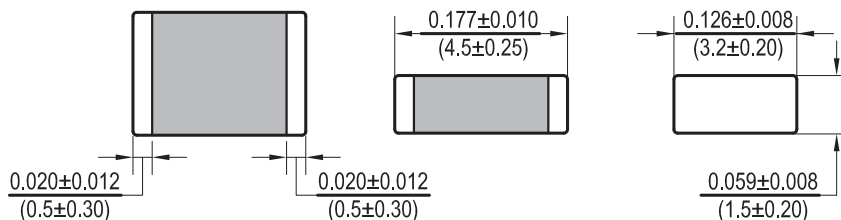




# Ultra Current Beads UCB50



Dimensions:  $\frac{\text{Inches}}{\text{(mm)}}$



Allied Part Number	Impedance ( $\Omega$ )	Tolerance (%)	Test Freq. MHz, 200mV	DCR Max. ( $\Omega$ )	Rated Current (mA)Max
UCB50-560T-RC	56	30	100	0.01	9000
UCB50-700T-RC	70	30	100	0.01	9000
UCB50-800T-RC	80	30	100	0.01	9000
UCB50-900T-RC	90	30	100	.015	6000
UCB50-121T-RC	120	30	100	0.02	6000
UCB50-151T-RC	150	30	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:** 56 $\Omega$  to 150 $\Omega$

**Tolerance:** 30% over entire range available in tighter tolerances

**Operating Temp:** -55°C ~ +125°C

**Rated Current:** The current at which the temperature rise shall be no more than 30°C. Also, the rated current is de-rated above 85°C to approximately 1000mA at 125°C

## Resistance to Solder Heat

Pre-Heat 150°C, 1 minute

**Solder Composition:** Sn/Ag3.0/Cu0.5(Pb-Free)

**Solder Temp:** 260°C peak for 10 sec.  $\pm$  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