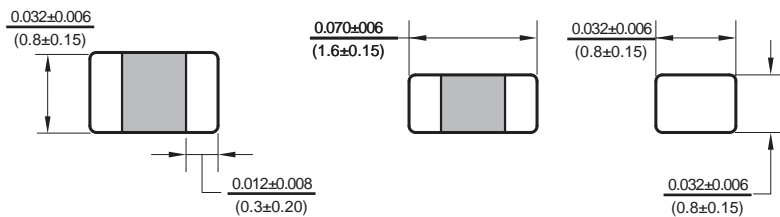




# Ultra Current Beads UCB05



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



Allied Part Number	Impedance ( $\Omega$ )	Tolerance (%)	Test Freq. MHz, 200mV	DCR Max. ( $\Omega$ )	Rated Current (mA)Max
UCB05-100T-RC	10	30	100	.01	5000
UCB05-110T-RC	11	30	100	.015	4500
UCB05-170T-RC	17	30	100	.015	4500
UCB05-250T-RC	25	30	100	.015	4500
UCB05-260T-RC	26	30	100	.015	4500
UCB05-300T-RC	30	30	100	.015	4500
UCB05-330T-RC	33	30	100	.015	4500
UCB05-400T-RC	40	30	100	.015	4500
UCB05-470T-RC	47	30	100	.02	4000
UCB05-600T-RC	60	30	100	.02	4000
UCB05-700T-RC	70	30	100	.02	4000
UCB05-101T-RC	100	30	100	.03	3000
UCB05-121T-RC	120	30	100	.03	3000
UCB05-181T-RC	180	30	100	0.05	2000
UCB05-221T-RC	220	30	100	0.04	2500

All specifications subject to change without notice.

## Features

- Ultra High Current
- 0603 size EIA size
- Triple plated RoHS Compliant Terminations
- Excellent Solderability

## Electrical

**Impedance range:** 10 $\Omega$  to 220 $\Omega$

**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 $\pm$ 5 peak for 10 sec.  $\pm$  1 sec.

## Test Equipment

**(Z):** HP4291A RF Impedance/Material Analyzer

**(RDC):** Chen Hwa 502BC/HP4338B

## Physical

**Packaging:** 4000 pieces per 7 inch reel

**Marking:** None