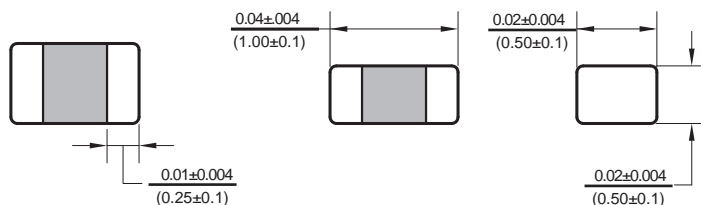




# Ultra Current Beads UCB03



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



Allied Part Number	Impedance ( $\Omega$ )	Tolerance (%)	Test Freq. MHz, 200mV	DCR Max. ( $\Omega$ )	Rated Current (mA)Max
UCB03-330T-RC	33	30	100	.022	3000
UCB03-600T-RC	60	30	100	.032	2500
UCB03-800T-RC	80	30	100	.038	2300
UCB03-121T-RC	120	30	100	.055	2000
UCB03-181T-RC	180	30	100	.090	1500
UCB03-221T-RC	220	30	100	0.10	1400
UCB03-331T-RC	330	30	100	0.15	1200
UCB03-471T-RC	470	30	100	0.20	1000
UCB03-601T-RC	600	30	100	0.30	900

All specifications subject to change without notice.

## Features

- Ultra High Current
- Standard 0402 size
- Triple plated RoHS Compliant Terminations
- Excellent Solderability

## Electrical

**Impedance range:** 33 Ohm to 600 Ohm

**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±5 peak for 10 sec. ± 1 sec.

## Test Equipment

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

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

## Physical

**Packaging:** 10000 pieces per 7 inch reel

**Marking:** None