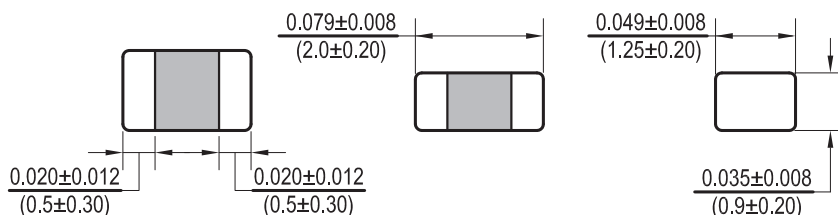




# Ultra Current Beads UCB10



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



Allied Part Number	Impedance ( $\Omega$ )	Tolerance (%)	Test Freq. MHz, 200mV	DCR Max. ( $\Omega$ )	Rated Current (mA)Max
UCB10-110T-RC	11	30	100	.012	6000
UCB10-150T-RC	15	30	100	.012	6000
UCB10-170T-RC	17	30	100	.012	6000
UCB10-190T-RC	19	30	100	.012	6000
UCB10-220T-RC	22	30	100	.012	6000
UCB10-260T-RC	26	30	100	0.12	6000
UCB10-300T-RC	30	30	100	0.12	6000
UCB10-310T-RC	31	30	100	0.12	6000
UCB10-320T-RC	32	30	100	0.12	6000
UCB10-330T-RC	33	30	100	0.12	6000
UCB10-400T-RC	40	30	100	0.15	6000
UCB10-420T-RC	42	30	100	0.15	6000
UCB10-500T-RC	50	30	100	0.15	6000
UCB10-600T-RC	60	30	100	0.02	4500
UCB10-700T-RC	70	30	100	0.02	4500
UCB10-800T-RC	80	30	100	0.02	4500

All specifications subject to change without notice.

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## Features

- Ultra High Current
- Standard 0805 size
- Low Profile under 1.00mm
- Triple plated RoHS Compliant Terminations
- Excellent Solderability

## Electrical

**Impedance range:** 11 $\Omega$  to 80 $\Omega$

**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:** 4000 pieces per 7 inch reel

**Marking:** None