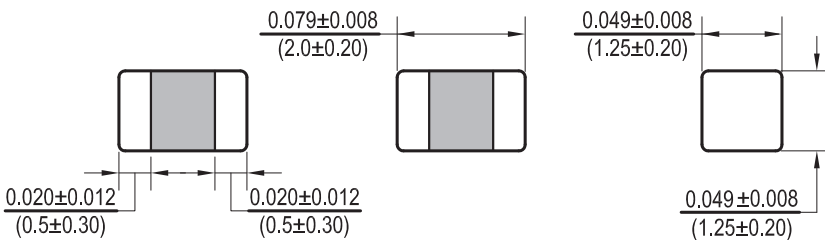




# Ultra Current Beads UCB15



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



Allied Part Number	Impedance ( $\Omega$ )	Tolerance (%)	Test Freq. MHz, 200mV	DCR Max. ( $\Omega$ )	Rated Current (mA)Max
UCB15-600T-RC	60	25	100	.018	6000
UCB15-700T-RC	70	25	100	.018	6000
UCB15-800T-RC	80	25	100	0.02	6000
UCB15-900T-RC	90	25	100	.025	5000
UCB15-101T-RC	100	25	100	.025	5000
UCB15-121T-RC	120	25	100	.025	5000

All specifications subject to change without notice.

## Features

- Ultra High Current
- Standard 0805 size
- Triple plated RoHS Compliant Terminations
- Excellent Solderability

## Electrical

**Impedance range:** 60 $\Omega$  to 120 $\Omega$

**Tolerance:** 25% 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 that 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:** 3000 pieces per 7 inch reel

**Marking:** None