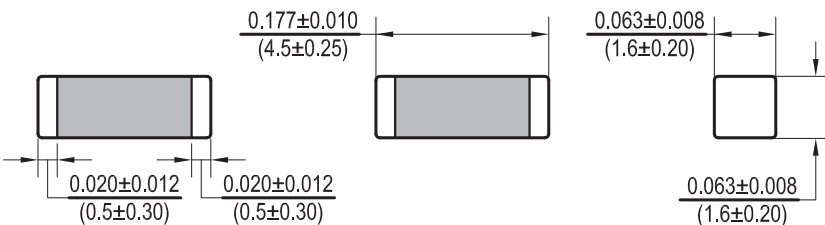




# Ultra Current Beads UCB40



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



| Allied Part Number | Impedance (Ω) | Tolerance (%) | Test Freq. MHz, 200mV | DCR Max. (Ω) | Rated Current (mA)Max |
|--------------------|---------------|---------------|-----------------------|--------------|-----------------------|
| UCB40-600-RC       | 60            | 25            | 100                   | .012         | 7000                  |
| UCB40-111-RC       | 110           | 25            | 100                   | 0.02         | 4000                  |

All specifications subject to change without notice.

## Features

- Ultra High Current
- Standard 1806 size
- Triple plated RoHS Compliant Terminations
- Excellent Solderability

## Electrical

**Impedance range:** 60Ω to 110Ω

**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. ± 1 sec.

## Test Equipment

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

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

## Physical

**Packaging:** 2000 pieces per 7 inch reel

**Marking:** None