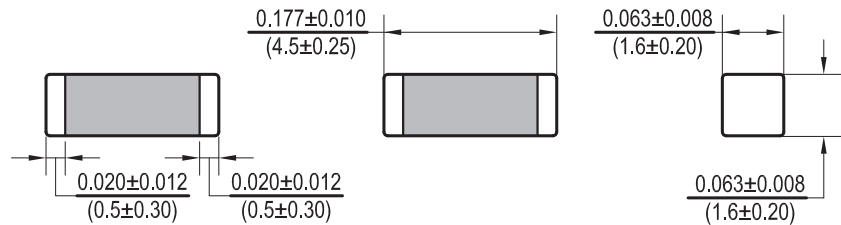




Ultra Current Beads UCB40

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 | 30 | 100 | .012 | 7000 |
| UCB40-111-RC | 110 | 30 | 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: 60 Ω to 110 Ω

Operating Temp: -55 $^{\circ}$ C ~ +125 $^{\circ}$ C

Rated Current: The current at which the temperature rise shall be no more than 30 $^{\circ}$ C. Also, the rated current is de-rated above 85 $^{\circ}$ C to approximately 1000mA at 125 $^{\circ}$ C

Resistance to Solder Heat

Pre-Heat 150 $^{\circ}$ C, 1 minute

Solder Composition: Sn/Ag3.0/Cu0.5(Pb-Free)

Solder Temp: 260 $^{\circ}$ C peak for 10 sec. \pm 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