

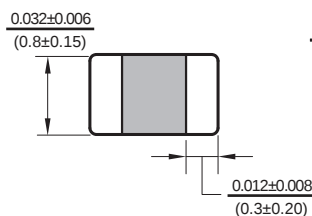


Ultra Current Beads

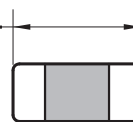
UCB04



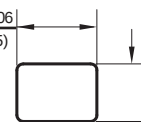
Dimensions: $\frac{\text{Inches}}{(\text{mm})}$



$\frac{0.070 \pm 0.006}{(1.6 \pm 0.15)}$



$\frac{0.032 \pm 0.006}{(0.8 \pm 0.15)}$



$\frac{0.02 \pm 0.006}{(0.5 \pm 0.15)}$

Allied Part Number	Impedance (Ω)	Tolerance (%)	Test Freq. MHz, 200mV	DCR Max. (Ω)	Rated Current (mA)Max
UCB04-260-RC	26	30	100	.007	6000
UCB04-700-RC	70	30	100	.020	4500
UCB04-121-RC	120	30	100	.025	3000
UCB04-221-RC	220	30	100	.040	2500
UCB04-331-RC	330	30	100	.070	1500

All specifications subject to change without notice.

Features

- Ultra High Current
- Standard 0603 size
- Triple plated RoHS Compliant Terminations
- Excellent Solderability

Electrical

Impedance range: 26 Ω to 330 Ω

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 $\pm$ 5 peak for 10 sec. $\pm$ 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