

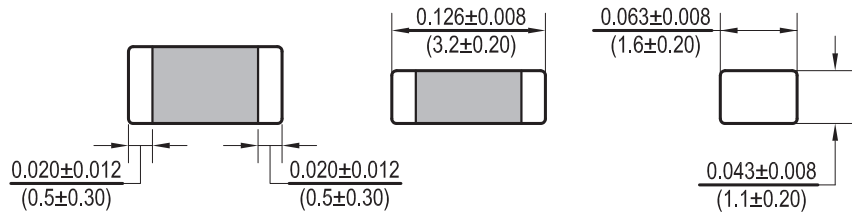


# Ultra Current Beads

# UCB20



Dimensions: Inches  
(mm)



Allied Part Number	Impedance (Ω ±25%)	Tolerance (%)	Test Freq. (MHz)	DCR (Ω) Max	Rated Current (mA) Max
UCB20-300-RC	30	25	100	0.012	6000
UCB20-600-RC	60	25	100	0.012	6000
UCB20-800-RC	80	25	100	0.012	6000
UCB20-101-RC	100	25	100	0.012	6000
UCB20-121-RC	120	25	100	0.012	6000
UCB20-151-RC	150	25	100	0.020	4500
UCB20-181-RC	180	25	100	0.020	4500
UCB20-221-RC	220	25	100	0.020	4500

All specifications subject to change without notice.

### Features

- Ultra High Current
- Standard 1206 size
- Triple plated RoHS Compliant Terminations
- Excellent Solderability

### Electrical

Impedance range: 30Ω to 220Ω  
 Tolerance: 25% over entire range  
 Operating Temp: -55°C ~ 125°C  
 Rated Current: The current at which the temperature rise shall be no more that 30°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 502 or HP4338B Agilent E4991A, Material Analyzer

### Physical

**Packaging:** 3000pcs per 7 inch reel  
**Marking:** None

