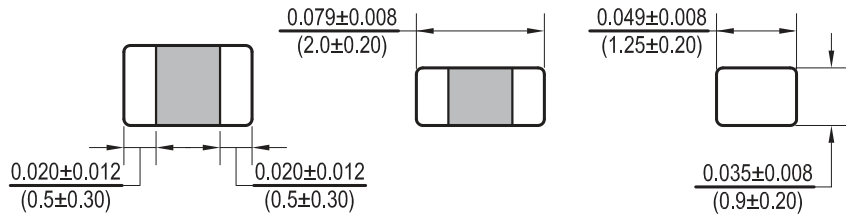




Ultra Current Beads UCB10



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



Allied Part Number	Impedance (Ω)	Tolerance (%)	Test Freq. MHz, 200mV	DCR Max. (Ω)	Rated Current (mA)Max
UCB10-110T-RC	11	30	100	.012	6000
UCB10-150T-RC	15	30	100	.012	6000
UCB10-170T-RC	17	30	100	.012	6000
UCB10-190T-RC	19	30	100	.012	6000
UCB10-220T-RC	22	30	100	.012	6000
UCB10-260T-RC	26	30	100	.012	6000
UCB10-300T-RC	30	30	100	.012	6000
UCB10-310T-RC	31	30	100	.012	6000
UCB10-320T-RC	32	30	100	.012	6000
UCB10-330T-RC	33	30	100	.012	6000
UCB10-400T-RC	40	30	100	.015	6000
UCB10-420T-RC	42	30	100	.015	6000
UCB10-500T-RC	50	30	100	.015	6000
UCB10-600T-RC	60	30	100	0.02	4500
UCB10-700T-RC	70	30	100	0.02	4500
UCB10-800T-RC	80	30	100	0.02	4500

All specifications subject to change without notice.

Features

- Ultra High Current
- Standard 0805 size
- Low Profile under 1.00mm
- Triple plated RoHS Compliant Terminations
- Excellent Solderability

Electrical

Impedance range: 11 Ω to 80 Ω

Tolerance: 30% over entire range available in tighter tolerances

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: 4000 pieces per 7 inch reel

Marking: None