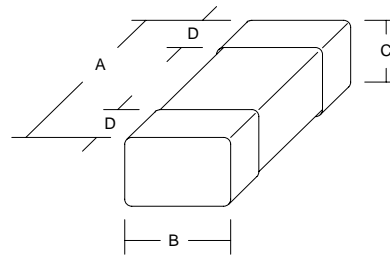


# Multilayer Ferrite Chip Bead (BF-LC Series)

## Dimensions

Part Number	Inch	A	B	C	D
BF-LC 100505	0402	1.0 ± 0.15	0.50 ± 0.15	0.50 ± 0.15	0.25 ± 0.15
BF-LC 160808	0603	1.6 ± 0.20	0.80 ± 0.15	0.80 ± 0.15	0.30 ± 0.20
BF-LC 201209	0805	2.0 ± 0.20	1.25 ± 0.20	0.90 ± 0.20	0.50 ± 0.30
BF-LC 321611	1206	3.2 ± 0.20	1.60 ± 0.20	1.10 ± 0.20	0.50 ± 0.30
BF-LC 451616	1806	4.5 ± 0.25	1.60 ± 0.20	1.60 ± 0.20	0.50 ± 0.30
BF-LC 453215	1812	4.5 ± 0.25	3.20 ± 0.20	1.50 ± 0.20	0.50 ± 0.30

(Not to scale)



Dimensions in mm

## Part Numbering Guide

Series	Dimensions	Impedance Code	Tolerance	Package Style
LC=Large Current	(Length, Width, Height)	M=20%, Y=25%	20%, 25%	B=Bulk T=Tape & Reel

**BF-LC 100505 - 100 Y - T**

## Features

Impedance Range	10 Ohms to 120 Ohms
Tolerance	20%, 25%
Operating Temperature	-25°C to +85°C

## Electrical Specifications

Part Number	Impedance (Ohms)	Available Tolerance	Test Freq (MHz)	DCR Max (Ohms)	IDC Max (mA)
BF-LC100505-100	10	Y	100	0.030	1000
BF-LC160808-110	11	M, Y	100	0.015	5000
BF-LC160808-250	25	M, Y	100	0.030	4000
BF-LC201209-110	11	M, Y	100	0.010	6000
BF-LC201209-320	32	M, Y	100	0.025	4000
BF-LC201209-600	60	M, Y	100	0.025	4000
BF-LC201209-800	80	M, Y	100	0.030	4000
BF-LC321611-260	26	M, Y	100	0.015	7000
BF-LC321611-310	31	M, Y	100	0.040	1500
BF-LC321611-320	32	M, Y	100	0.015	6000
BF-LC321611-500	50	M, Y	100	0.020	5000
BF-LC321611-700	70	M, Y	100	0.020	5000
BF-LC321611-800	80	M, Y	100	0.015	5000
BF-LC321611-900	90	M, Y	100	0.030	4000
BF-LC321611-601	600	M, Y	100	0.090	1500
BF-LC451616-600	60	M, Y	100	0.020	6000
BF-LC451616-700	70	M, Y	100	0.025	6000
BF-LC451616-800	80	M, Y	100	0.025	5000
BF-LC451616-181	180	M, Y	100	0.025	3000
BF-LC453215-700	70	M, Y	100	0.030	7000
BF-LC453215-121	120	M, Y	100	0.030	4000

Specifications subject to change without notice. Rev. 02/01