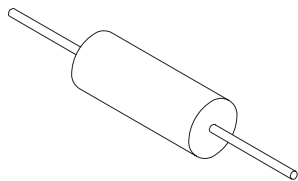




# Ferrite Beads

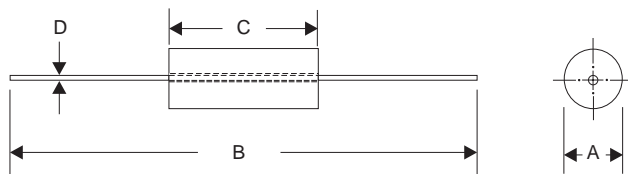
## LBC Series



### Features

- Leaded Bead Chokes:
  - Higher current carrying capability than surface mount devices.
  - Lowest cost component for signal filtering.

Applications include: High frequency filtering of clocks and video signals, prevents oscillations in high frequency amplifiers, and filtering power input of oscillators or logic devices using high speed clocks.



### LBC Series

Part Number	Imp. (Ω)	Test Freq.	Dim. A (mm)	Dim. B (mm)	Dim. C (mm)	Dim. D
LBC035045-A	50	100	3.5±0.25	62.0±1.5	4.45±0.25	22 AWG
LBC035045-B	68	100	3.5±0.25	62.0±1.5	4.45±0.25	22 AWG
LBC035052-A	61	100	3.5±0.25	62.0±1.5	5.25±0.25	22 AWG
LBC035052-B	82	100	3.5±0.25	62.0±1.5	5.25±0.25	22 AWG
LBC035060-A	70	100	3.5±0.25	62.0±1.5	6.0±0.25	22 AWG
LBC035060-B	91	100	3.5±0.25	62.0±1.5	6.0±0.25	22 AWG
LBC035067-A	78	100	3.5±0.25	62.0±1.5	6.7±0.25	22 AWG
LBC035067-B	100	100	3.5±0.25	62.0±1.5	6.7±0.25	22 AWG
LBC035076-A	90	100	3.5±0.25	62.0±1.5	7.6±0.3	22 AWG
LBC035076-B	110	100	3.5±0.25	62.0±1.5	7.6±0.3	22 AWG
LBC035089-A	105	100	3.5±0.25	62.0±1.5	8.9±0.3	22 AWG
LBC035089-B	133	100	3.5±0.25	62.0±1.5	8.9±0.3	22 AWG
LBC035095-A	112	100	3.5±0.25	62.0±1.5	9.5±0.3	22 AWG
LBC035095-B	150	100	3.5±0.25	62.0±1.5	9.5±0.3	22 AWG
LBC035114-A	135	100	3.5±0.25	62.0±1.5	11.4±0.4	22 AWG
LBC035114-B	180	100	3.5±0.25	62.0±1.5	11.4±0.4	22 AWG
LBC035138-A	163	100	3.5±0.25	62.0±1.5	13.8±0.5	22 AWG
LBC035138-B	220	100	3.5±0.25	62.0±1.5	13.8±0.5	22 AWG

Specifications are subject to change without notice.

### Cross Reference Guide

Type	Imp. Ω	Freq. MHz	TSC	Fair Rite	Steward	Act
LBC	68	100	LBC035045-B	2743001112	08L0138-100	K5A-035045
LBC	82	100	LBC035052-B	2743015112	28L0138-800	K5A-035052
LBC	91	100	LBC035060-B	2743005112	28L0138-200	K5A-035060
LBC	100	100	LBC035067-B	2743003112	28L0138-200	K5A-035067
LBC	110	100	LBC035076-B	2743004112	28L0138-900	K5A-035078
LBC	133	100	LBC035089-B	2743002112	28L0138-A00	K5A-035090
LBC	150	100	LBC035095-B	2743007112	28L0138-400	K5A-035095
LBC	180	100	LBC035114-B	2743008112	28L0138-500	K5A-035115
LBC	220	100	LBC035138-B	2743003112	28L0138-600	
LBC	50	100	LBC035045-A	2761001112	28L0138-700	
LBC	61	100	LBC035052-A	2761015112		
LBC	70	100	LBC035060-A	2761005112		
LBC	78	100	LBC035067-A	2761003112		
LBC	90	100	LBC035075-A	2761004112		
LBC	105	100	LBC035089-A	2761002112		
LBC	112	100	LBC035095-A	2761007112		
LBC	135	100	LBC035114-A	2761008112		
LBC	163	100	LBC035138-A	2761009112		

**NOTE:** Cross reference information supplied as a guide. Use TSC Electronics, Ltd. sample for verification.