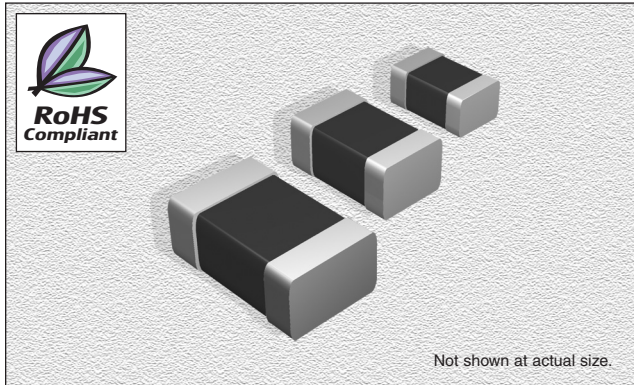


## CTCBF Series

High Speed

From 6 Ω to 2,200 Ω



### CHARACTERISTICS

**Description:** High Speed multi-layer ferrite chip beads

**Applications:** Noise suppression in computer peripherals, telecommunication equipment, data communication equipment and other consumer electronics

**Operating Temperature:** -40°C to +125°C

Impedance Range:

CTCB0402F: 10-120 Ω

CTCB0603F: 6-1000 Ω

CTCB0805F: 6-2200 Ω

CTCB1206F: 32-1500 Ω

**Testing:** Impedance is tested on an HP4287A at 100 MHz

**Packaging:** Tape & Reel

**Miscellaneous:** RoHS Compliant.

**Marking:** Reels marked with part number

**Additional Information:** Additional electrical & physical information available upon request

**Samples available. See website for ordering information.**

### SPECIFICATIONS

Parts are available in ±25% tolerance only.

Part Number	Impedance (Ω±25%)	Test Freq. (MHz)	DCR Max. (Ω)	IDC (mA)
CTCB0402F-100H	10	100	.20	200
CTCB0402F-400H	40	100	.40	150
CTCB0402F-470H	47	100	.30	400
CTCB0402F-800H	80	100	.60	100
CTCB0402F-121H	120	100	.80	50
CTCB0603F-060H	6	100	.05	500
CTCB0603F-100H	10	100	.07	400
CTCB0603F-400H	40	100	.30	300
CTCB0603F-600H	60	100	.30	300
CTCB0603F-800H	80	100	.40	300
CTCB0603F-121H	120	100	.40	300
CTCB0603F-241H	240	100	.40	200
CTCB0603F-301H	300	100	.50	200
CTCB0603F-481H	480	100	.60	150
CTCB0603F-601H	600	100	.60	100
CTCB0603F-102H	1000	100	.70	100
CTCB0805F-060H	6	100	.70	800
CTCB0805F-110H	11	100	.10	700
CTCB0805F-260H	26	100	.20	600
CTCB0805F-320H	32	100	.20	600
CTCB0805F-600H	60	100	.30	500
CTCB0805F-750H	75	100	.30	500
CTCB0805F-900H	90	100	.30	500
CTCB0805F-121H	120	100	.40	400
CTCB0805F-151H	150	100	.40	400
CTCB0805F-171H	170	100	.50	400
CTCB0805F-221H	220	100	.50	300
CTCB0805F-301H	300	100	.50	300
CTCB0805F-401H	400	100	.50	300
CTCB0805F-501H	500	100	.50	200
CTCB0805F-601H	600	100	.50	200
CTCB0805F-751H	750	100	.40	200
CTCB0805F-102H	1000	100	.60	100
CTCB0805F-122H	1200	100	.70	100
CTCB0805F-152H	1500	100	.70	100
CTCB0805F-222H	2200	100	.75	100
CTCB1206F-320H	32	100	.20	600
CTCB1206F-600H	60	100	.30	500
CTCB1206F-800H	80	100	.30	500
CTCB1206F-900H	90	100	.30	500
CTCB1206F-121H	120	100	.40	400
CTCB1206F-151H	150	100	.40	400
CTCB1206F-201H	200	100	.50	300
CTCB1206F-221H	220	100	.50	300
CTCB1206F-351H	350	100	.60	300
CTCB1206F-401H	400	100	.60	300
CTCB1206F-601H	600	100	.80	300
CTCB1206F-122H	1200	100	1.0	200
CTCB1206F-152H	1500	100	1.2	150

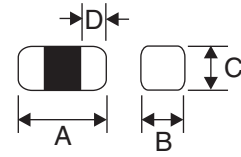
# CTCBF Series

## High Speed

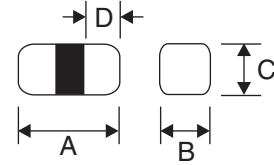
### PHYSICAL DIMENSIONS

Size		A	B	C	D
<b>0402/1005</b>	inches	0.039±0.006	0.02±0.006	0.02±0.006	0.01±0.006
	mm	1.0±0.15	0.5±0.15	0.5±0.15	0.25±0.15
<b>0603/1608</b>	inches	0.063±0.008	0.03±0.008	0.03±0.008	0.016±0.008
	mm	1.6±0.2	0.8±0.2	0.8±0.2	0.4±0.2
<b>0805/2012</b>	inches	0.08±0.008	0.047±0.008	0.035±0.008	0.02±0.012
	mm	2.0±0.2	1.2±0.2	0.9±0.2	0.5±0.3
<b>1206/3216</b>	inches	0.126±0.008	0.063±0.008	0.043±0.008	0.02±0.012
	mm	3.2±0.2	1.6±0.2	1.1±0.2	0.5±0.3

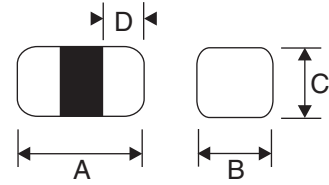
CTCB0402F



CTCB0603F



CTCB0805F



CTCB1206F

