CTCBF Series

High Speed

From 6 Ω to 2,500 Ω



SPECIFICATIONS

Parts are available in ±25% tolerance only.

Part Number	Impedance (Ω)	Test Freq. (MHz)	DCR Max. (Ω)	IDC (mA)
CTCB0201F-100H	10	100	0.4	300
CTCB0201F-220H	22	100	0.5	200
CTCB0201F-470H	47	100	0.7	200
CTCB0201F-750H	75	100	1.0	200
CTCB0201F-121H	120	100	1.5	100
CTCB0402F-100H	10	100	0.10	500
CTCB0402F-470H	47	100	0.30	400
CTCB0402F-750H	75	100	0.30	400
CTCB0402F-121H	120	100	0.40	350
CTCB0402F-221H	220	100	0.60	200
CTCB0402F-301H	300	100	0.80	200
CTCB0402F-471H	470	100	1.10	200
CTCB0402F-601H	600	100	1.20	200
CTCB0603F-600H	60	100	0.25	500
CTCB0603F-750H	75	100	0.25	500
CTCB0603F-121H	120	100	0.30	400
CTCB0603F-241H	240	100	0.35	400
CTCB0603F-301H	300	100	0.40	400
CTCB0603F-601H	600	100	0.50	200
CTCB0603F-102H	1000	100	0.60	200
CTCB0603F-182H	1800	100	0.80	100
CTCB0603F-222H	2200	100	1.0	100
CTCB0603F-252H	2500	100	1.0	100
CTCB0805F-060H	6	100	0.70	800
CTCB0805F-121H	120	100	0.40	400
CTCB0805F-601H	600	100	0.50	200
CTCB0805F-222H	2200	100	0.75	100
CTCB1206F-600H	60	100	0.30	500
CTCB1206F-900H	90	100	0.30	500
CTCB1206F-121H	120	100	0.40	400
CTCB1206F-601H	600	100	0.80	300

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:
CTCB0201F: 10-120 Ω
CTCB0402F: 10-600 Ω
CTCB0603F: 60-2500 Ω
CTCB0805F: 6-2200 Ω
CTCB1206F: 60-600 Ω
Testing: Impedance is tested on an HP4287A at 100MHz
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.

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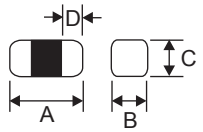
CTCBF Series

High Speed

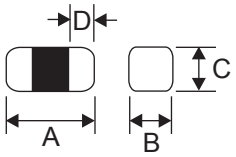
PHYSICAL DIMENSIONS

Size		A	B	C	D
0201/ 0603	inches	0.024±0.001	0.01±0.001	0.01±0.001	0.006±0.002
	mm	0.6±0.03	0.30±0.03	0.3±0.03	0.15±0.05
0402/ 1005	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
0603/ 1608	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
0805/ 2012	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
1206/ 3216	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

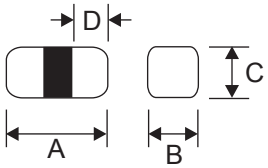
CTCB0201F



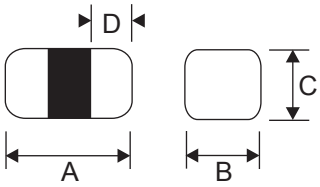
CTCB0402F



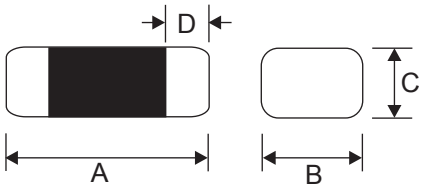
CTCB0603F



CTCB0805F



CTCB1206F



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