CTCBF Series

Medium Current
From 7 Ω to 2,000 Ω



CHARACTERISTICS

Description: Medium current 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:
CTCB0603F: 30-1500 Ω
CTCB0805F: 7-2000 Ω
CTCB1206F: 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.

SPECIFICATIONS

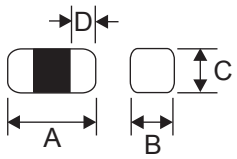
Parts are available in ±25% inductance tolerance only.

Part Number	Impedance (Ω)	Test Freq. (MHz)	DCR Max. (Ω)	IDC (mA)
CTCB0603F-300M	30	100	.06	800
CTCB0603F-600M	60	100	.06	700
CTCB0603F-800M	80	100	.10	600
CTCB0603F-101M	100	100	.15	600
CTCB0603F-121M	120	100	.15	600
CTCB0603F-221M	220	100	.18	550
CTCB0603F-301M	300	100	.25	500
CTCB0603F-601M	600	100	0.3	400
CTCB0603F-102M	1000	100	.45	300
CTCB0603F-152M	1500	100	.70	150
CTCB0805F-070M	7	100	.06	1000
CTCB0805F-600M	60	100	.10	900
CTCB0805F-121M	120	100	.15	800
CTCB0805F-221M	220	100	.18	750
CTCB0805F-301M	300	100	.18	700
CTCB0805F-601M	600	100	.25	500
CTCB0805F-102M	1000	100	.30	400
CTCB0805F-152M	1500	100	.40	400
CTCB0805F-202M	2000	100	.55	400
CTCB1206F-601M	600	100	.20	500

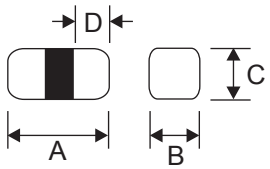
PHYSICAL DIMENSIONS

Size		A	B	C	D
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

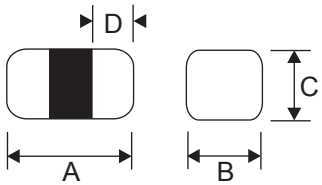
CTCB0603F



CTCB0805F



CTCB1206F



Copyright © 2020 by CT Magnetics, DBA Central Technologies. All rights reserved.
CT Magnetics reserves the right to make improvements or change specifications without notice