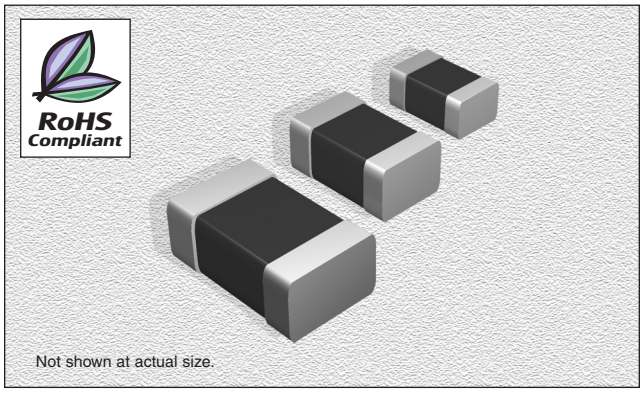
CTCBF Series

Medium Current

From 7 Ω to 2,000 Ω



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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: -55°C to +125°C
Impedance Range:

- CTCB0603F: 11-1000 Ω
- CTCB0805F: 7-2000 Ω
- CTCB1206F: 19-2000 Ω
- CTCB1210F: 32-90 Ω
- CTCB1806F: 50-170 Ω
- CTCB1812F: 70-120 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)	Test Freq. (MHz)	DCR Max. (Ω)	IDC (mA)
CTCB0603F-110M	11	100	.03	1000
CTCB0603F-190M	19	100	.05	1000
CTCB0603F-300M	30	100	.06	800
CTCB0603F-400M	40	100	.06	800
CTCB0603F-600M	60	100	.06	600
CTCB0603F-800M	80	100	.10	600
CTCB0603F-121M	120	100	.15	600
CTCB0603F-221M	220	100	.18	400
CTCB0603F-301M	300	100	.25	400
CTCB0603F-451M	450	100	0.3	400
CTCB0603F-601M	600	100	0.3	400
CTCB0603F-751M	750	100	.45	300
CTCB0603F-102M	1000	100	.45	300
CTCB0805F-070M	7	100	.06	1000
CTCB0805F-090M	9	100	.06	1000
CTCB0805F-110M	11	100	.06	1000
CTCB0805F-170M	17	100	.06	1000
CTCB0805F-320M	32	100	.06	1000
CTCB0805F-600M	60	100	.10	800
CTCB0805F-700M	70	100	.10	800
CTCB0805F-800M	80	100	.10	800
CTCB0805F-101M	100	100	.10	600
CTCB0805F-121M	120	100	.15	600
CTCB0805F-151M	150	100	.15	600
CTCB0805F-221M	220	100	.18	600
CTCB0805F-301M	300	100	.18	600
CTCB0805F-401M	400	100	.18	600
CTCB0805F-501M	500	100	.25	500
CTCB0805F-601M	600	100	.25	500
CTCB0805F-751M	750	100	.30	400
CTCB0805F-102M	1000	100	.30	400
CTCB0805F-152M	1500	100	.40	300
CTCB0805F-202M	2000	100	.55	200
CTCB1206F-190M	19	100	.03	1000
CTCB1206F-260M	26	100	.03	1000
CTCB1206F-320M	32	100	.03	1000
CTCB1206F-500M	50	100	.06	800
CTCB1206F-600M	60	100	.06	800
CTCB1206F-700M	70	100	.06	800
CTCB1206F-900M	90	100	.10	800
CTCB1206F-121M	120	100	.10	800
CTCB1206F-151M	150	100	.10	800
CTCB1206F-201M	200	100	.15	600
CTCB1206F-401M	400	100	.15	600
CTCB1206F-501M	500	100	.15	600
CTCB1206F-601M	600	100	.20	500
CTCB1206F-102M	1000	50	.25	400
CTCB1206F-122M	1200	50	.25	400
CTCB1206F-202M	2000	30	.35	400
CTCB1210F-320M	32	100	.10	1000
CTCB1210F-600M	60	100	.10	1000
CTCB1210F-900M	90	100	.10	1000
CTCB1806F-500M	50	100	.10	1000
CTCB1806F-600M	60	100	.10	1000
CTCB1806F-800M	80	100	.10	1000
CTCB1806F-101M	100	100	.18	800
CTCB1806F-151M	150	100	.18	800
CTCB1806F-171M	170	100	.18	800
CTCB1812F-700M	70	100	.18	800
CTCB1812F-121M	120	100	.18	800

CENTRAL Technologies
Manufacturer of Passive and Discrete Semiconductor Components
800-684-5322 Inside US **949-453-1811** Outside US
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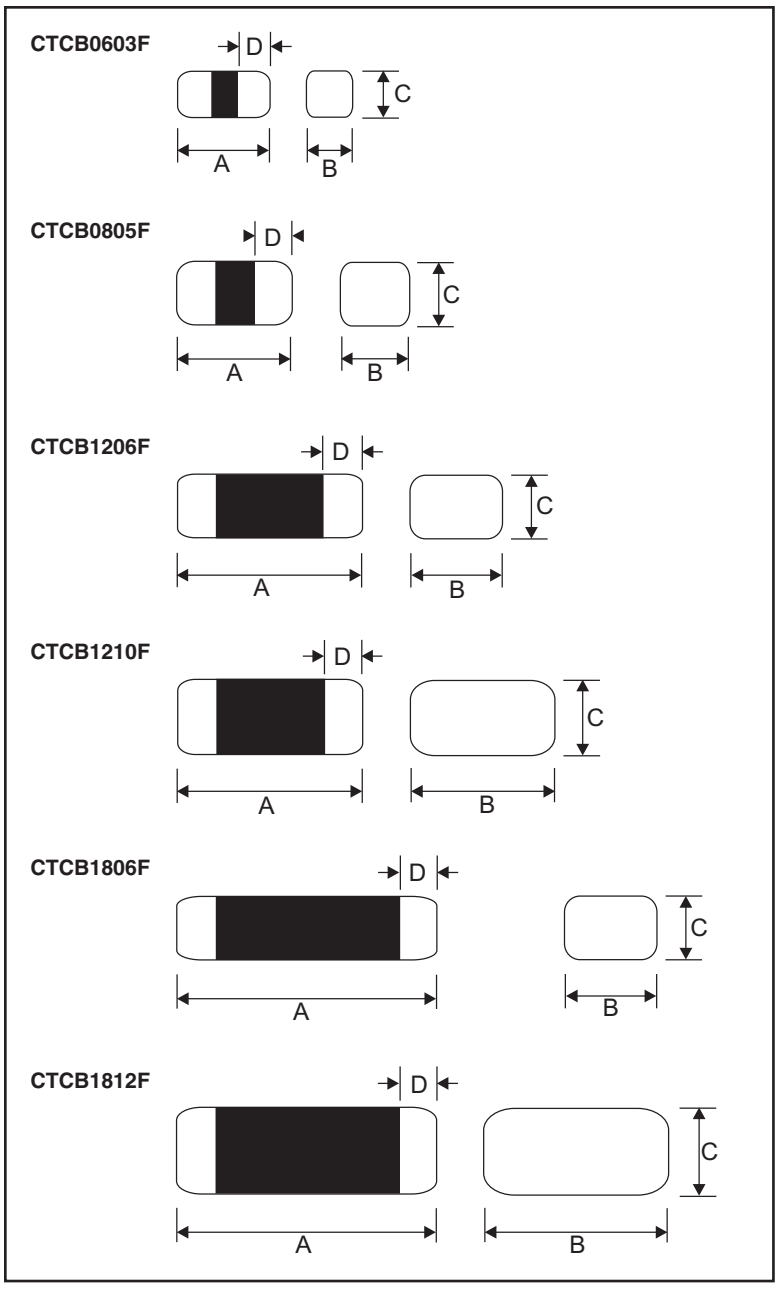
Medium Current

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
1210/ 3225	inches	0.126±0.008	0.098±0.008	0.05±0.008	0.02±0.12
	mm	3.2±0.2	2.5±0.2	1.3±0.2	0.3±0.3
1806/ 4516	inches	0.177±0.01	0.063±0.008	0.063±0.008	0.02±0.012
	mm	4.5±0.25	1.6±0.2	1.6±0.2	0.5±0.3
1812/ 4532	inches	0.177±0.008	0.126±0.008	0.05±0.008	0.02±0.012
	mm	4.5±0.2	3.2±0.2	1.5±0.2	0.5±0.3



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