CTCBF Series

Power

From 10 Ω to 1500 Ω

ENGINEERING KIT #33F



CHARACTERISTICS

Description: Power 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: 10-1500 Ω
CTCB0805F: 11-1000 Ω
CTCB1206F: 19-1500 Ω
CTCB1210F: 60 Ω
CTCB1806F: 50-150 Ω
CTCB1812F: 70-120 Ω

Testing: Impedance is tested on an HP4287A at specified frequency.
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)
CTCB0402F-100P	10	100	.03	2000
CTCB0402F-300P	30	100	.05	1700
CTCB0402F-400P	40	100	.075	1500
CTCB0402F-600P	60	100	.075	1500
CTCB0402F-700P	70	100	.09	1200
CTCB0402F-800P	80	100	.09	1200
CTCB0402F-121P	120	100	.09	1400
CTCB0603F-100P	10	100	.02	4000
CTCB0603F-110P	11	100	.02	4000
CTCB0603F-300P	30	100	.03	3000
CTCB0603F-330P	33	100	.035	3000
CTCB0603F-400P	40	100	.035	3000
CTCB0603F-500P	50	100	.04	3000
CTCB0603F-600P	60	100	.04	3000
CTCB0603F-700P	70	100	.05	2500
CTCB0603F-800P	80	100	.05	2500
CTCB0603F-101P	100	100	.05	2500
CTCB0603F-121P	120	100	.08	2500
CTCB0603F-151P	150	100	.085	2000
CTCB0603F-181P	180	100	.09	2000
CTCB0603F-221P	220	100	.10	2000
CTCB0603F-301P	300	100	.12	1500
CTCB0603F-331P	330	100	.12	1500
CTCB0603F-471P	470	100	.15	1500
CTCB0603F-601P	600	100	.20	1000
CTCB0603F-102P	1000	100	.25	800
CTCB0603F-122P	1200	100	.25	800
CTCB0603F-152P	1500	100	.40	500
CTCB0805F-110P	11	100	.01	6000
CTCB0805F-170P	17	100	.02	5000
CTCB0805F-300P	30	100	.02	4000
CTCB0805F-330P	33	100	.02	4000
CTCB0805F-500P	50	100	.025	3000
CTCB0805F-600P	60	100	.03	3000
CTCB0805F-800P	80	100	.04	3000
CTCB0805F-121P	120	100	.04	3000
CTCB0805F-201P	200	100	.05	2500
CTCB0805F-221P	220	100	.08	2000
CTCB0805F-301P	300	100	.08	2000
CTCB0805F-331P	330	100	.08	2000
CTCB0805F-601P	600	100	.10	2000
CTCB0805F-102P	1000	100	.15	1500
CTCB1206F-190P	19	100	.015	6000
CTCB1206F-260P	26	100	.015	6000
CTCB1206F-320P	32	100	.035	4000
CTCB1206F-500P	50	100	.02	4000
CTCB1206F-800P	80	100	.025	3000
CTCB1206F-900P	90	100	.03	2500
CTCB1206F-101P	100	100	.03	3000
CTCB1206F-301P	300	100	.06	2000
CTCB1206F-501P	500	100	.10	2000
CTCB1206F-601P	600	100	.10	2000
CTCB1206F-102P	1000	50	.15	1200
CTCB1206F-122P	1200	50	.18	1000
CTCB1206F-152P	1500	50	.20	800
CTCB1210F-600P	60	100	.03	4000
CTCB1806F-500P	50	100	.02	6000
CTCB1806F-600P	60	100	.02	5000
CTCB1806F-750P	75	100	.025	5000
CTCB1806F-800P	80	100	.03	4000
CTCB1806F-151P	150	100	.10	2000
CTCB1812F-700P	70	100	.03	6000
CTCB1812F-121P	120	100	.03	4000

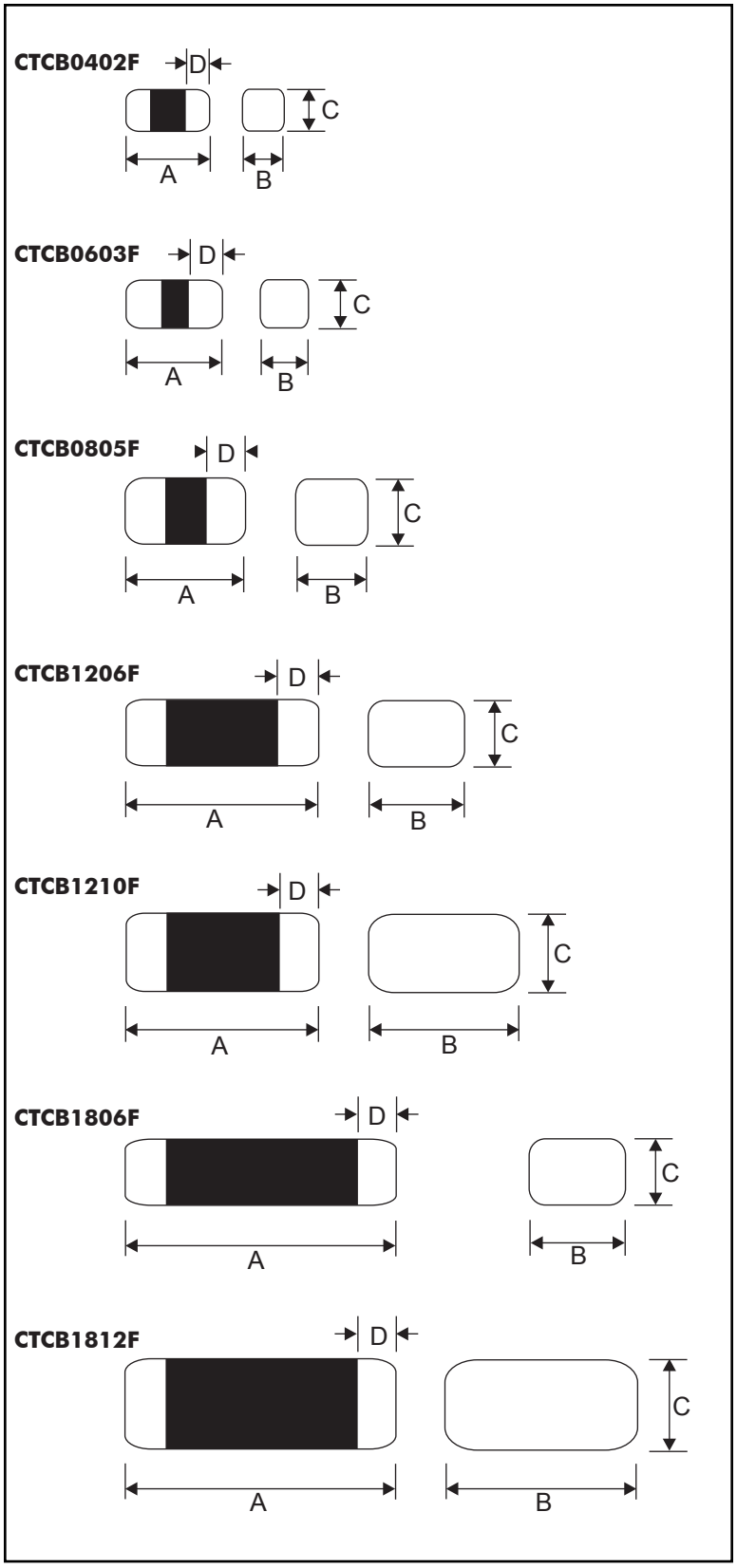
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CTCBF Series

Power

PHYSICAL DIMENSIONS

Size		A	B	C	D
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
1210/ 3225/	inches	0.126±0.008	0.098±0.008	0.05±0.008	0.02±0.012
	mm	3.2±0.2	2.5±0.2	1.3±0.2	0.5±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	1.3±0.2	0.5±0.3



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