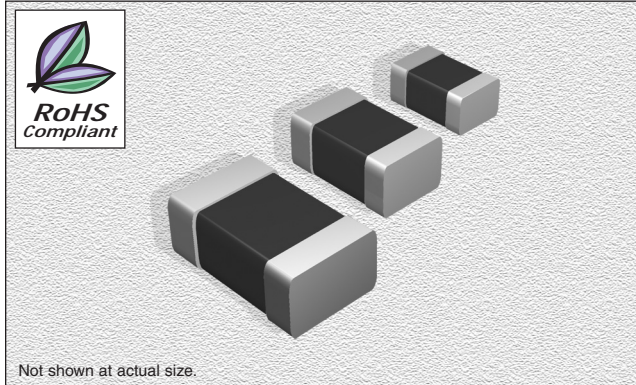


## CTCBF Series

Standard

From 6 Ω to 2,200 Ω

### ENGINEERING KIT #16



### CHARACTERISTICS

- Description:** Standard 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:**
- CTCB0402F: 6-600 Ω
  - CTCB0603F: 11-2200 Ω
  - CTCB0805F: 7-2200 Ω
  - CTCB1206F: 19-2000 Ω
  - CTCB1210F: 31-90 Ω
  - CTCB1806F: 50-170 Ω
  - CTCB1812F: 70-125 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)
CTCB0402F-060S	6	100	.05	500
CTCB0402F-100S	10	100	.05	500
CTCB0402F-400S	40	100	.30	300
CTCB0402F-800S	80	100	.40	200
CTCB0402F-121S	120	100	.50	200
CTCB0402F-241S	240	100	.50	200
CTCB0402F-481S	480	100	.80	100
CTCB0402F-601S	600	100	1.0	100
CTCB0603F-110S	11	100	.05	500
CTCB0603F-190S	19	100	.08	500
CTCB0603F-300S	30	100	.10	400
CTCB0603F-400S	40	100	.10	400
CTCB0603F-600S	60	100	.10	400
CTCB0603F-800S	80	100	.15	400
CTCB0603F-121S	120	100	.25	400
CTCB0603F-221S	220	100	0.3	300
CTCB0603F-301S	300	100	0.4	300
CTCB0603F-451S	450	100	0.5	300
CTCB0603F-601S	600	100	0.5	300
CTCB0603F-751S	750	100	0.6	300
CTCB0603F-102S	1000	100	0.6	300
CTCB0603F-152S	1500	100	0.6	300
CTCB0603F-222S	2200	100	0.8	200
CTCB0805F-070S	7	100	0.1	600
CTCB0805F-090S	9	100	0.1	600
CTCB0805F-100S	10	100	0.2	600
CTCB0805F-110S	11	100	0.1	600
CTCB0805F-170S	17	100	0.1	600
CTCB0805F-320S	32	100	0.1	600
CTCB0805F-600S	60	100	0.2	500
CTCB0805F-700S	70	100	0.2	500
CTCB0805F-800S	80	100	0.4	400
CTCB0805F-121S	120	100	0.5	300
CTCB0805F-151S	150	100	0.6	200
CTCB0805F-221S	220	100	0.5	200
CTCB0805F-301S	300	100	0.3	300
CTCB0805F-401S	400	100	0.5	200
CTCB0805F-501S	500	100	0.4	300
CTCB0805F-601S	600	100	0.4	200
CTCB0805F-751S	750	100	0.5	200
CTCB0805F-102S	1000	100	1.5	100
CTCB0805F-152S	1500	100	1.0	100
CTCB0805F-202S	2000	100	0.5	100
CTCB0805F-222S	2200	100	1.0	100
CTCB1206F-190S	19	100	0.2	500
CTCB1206F-260S	26	100	0.2	500
CTCB1206F-310S	31	100	0.2	500
CTCB1206F-320S	32	100	0.1	600
CTCB1206F-500S	50	100	0.2	400
CTCB1206F-600S	60	100	0.1	500
CTCB1206F-700S	70	100	0.5	200
CTCB1206F-800S	80	100	0.2	400
CTCB1206F-900S	90	100	0.2	400
CTCB1206F-101S	100	100	.15	500
CTCB1206F-121S	120	100	0.2	300
CTCB1206F-151S	150	100	0.4	200
CTCB1206F-201S	200	100	0.2	400
CTCB1206F-221S	220	100	0.5	300
CTCB1206F-301S	300	100	0.2	300
CTCB1206F-401S	400	100	0.6	100
CTCB1206F-501S	500	100	0.2	400
CTCB1206F-601S	600	100	0.5	200
CTCB1206F-102S	1000	100	0.6	100
CTCB1206F-122S	1200	50	0.5	200
CTCB1206F-152S	1500	50	0.9	100
CTCB1206F-202S	2000	30	0.6	200
CTCB1210F-310S	31	100	0.3	400
CTCB1210F-320S	32	100	0.2	500
CTCB1210F-520S	52	100	0.3	400
CTCB1210F-600S	60	100	0.3	400
CTCB1210F-900S	90	100	0.2	500
CTCB1806F-500S	50	100	0.2	600
CTCB1806F-600S	60	100	0.2	600
CTCB1806F-800S	80	100	0.2	600
CTCB1806F-101S	100	100	0.3	500
CTCB1806F-151S	150	100	0.3	500
CTCB1806F-171S	170	100	0.3	500
CTCB1812F-700S	70	100	0.4	300
CTCB1812F-121S	120	100	0.4	300
CTCB1812F-125S	125	100	0.4	300

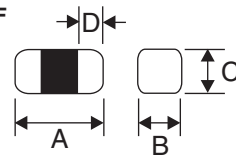
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## CTCBF Series Standard

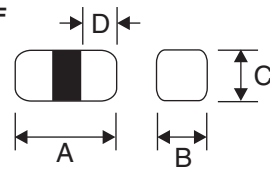
### PHYSICAL DIMENSIONS

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
<b>1210/3225</b>	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
<b>1806/4516</b>	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
<b>1812/4532</b>	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

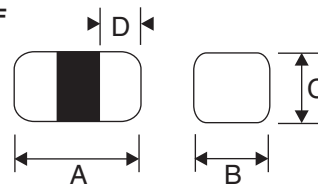
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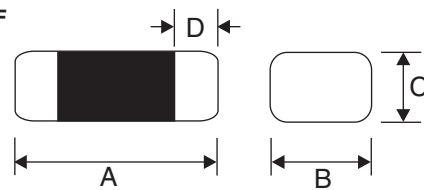
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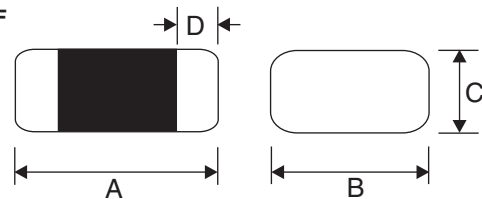
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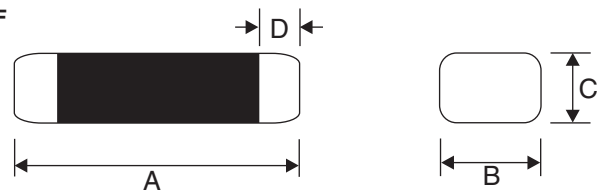
CTCB1206F



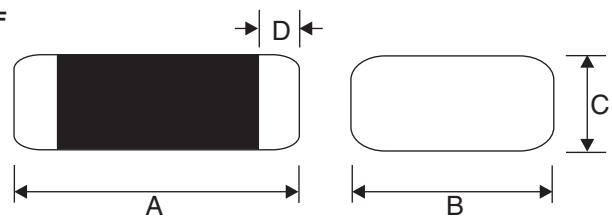
CTCB1210F



CTCB1806F



CTCB1812F



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