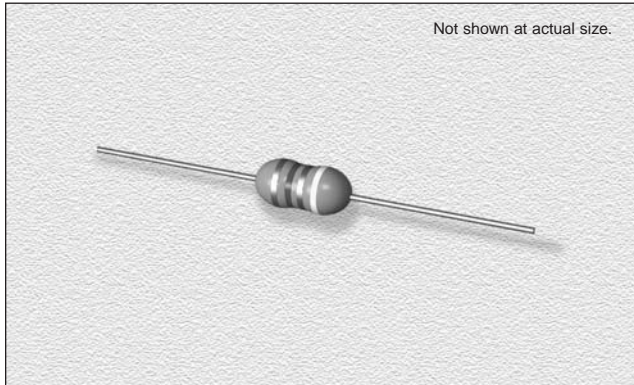


CTC3 Series

From .10 μ H to 1,000 μ H

SPECIFICATIONS

Please specify tolerance code when ordering.
 CTC3-R10_ ← J = \pm 5%, K = \pm 10%, M = \pm 20%



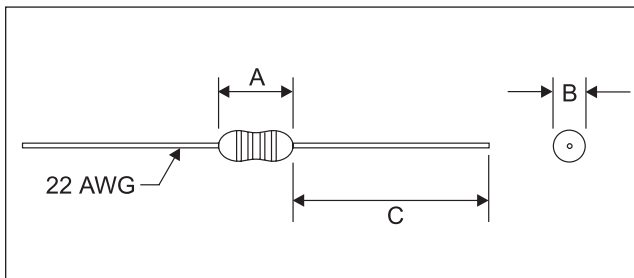
CHARACTERISTICS

- Description:** Axial leaded conformal coated inductor
- Applications:** Used in less harsh environments. Ideal for less critical RFL/EMI applications.
- Operating Temperature:** -40°C to +125°C
- Inductance Tolerance:** \pm 5%, \pm 10%, \pm 20%
- Testing:** Inductance and Q are tested on an HP4285A at specified frequency
- Packaging:** Bulk pack 1,000 parts per bag, Tape & Reel, 5,000 parts per reel
- Marking:** Parts are EIA color banded which indicates inductance code and tolerance
- Material:** Magnetic core treated with epoxy resin for protection and longer reliability
- Additional Information:** Additional electrical & physical information available upon request
- Samples available.** See website for ordering information.

Part Number	Inductance (μ H)	L Test Freq. (MHz)	Q Factor Min.	Q Test Freq. (MHz)	SRF Min. (MHz)	DCR Max. (Ω)	Rated DC (mA)
CTC3-R10_	.10	25.2	25	25.2	320	.15	1750
CTC3-R12_	.12	25.2	25	25.2	320	.16	1650
CTC3-R15_	.15	25.2	25	25.2	320	.17	1560
CTC3-R18_	.18	25.2	25	25.2	320	.19	1480
CTC3-R22_	.22	25.2	25	25.2	300	.21	1400
CTC3-R27_	.27	25.2	25	25.2	300	.24	1320
CTC3-R33_	.33	25.2	25	25.2	300	.28	1280
CTC3-R39_	.39	25.2	25	25.2	280	.32	1200
CTC3-R47_	.47	25.2	25	25.2	250	.36	1150
CTC3-R56_	.56	25.2	25	25.2	230	.41	1100
CTC3-R68_	.68	25.2	25	25.2	210	.47	1030
CTC3-R82_	.82	25.2	45	25.2	172	.24	980
CTC3-1R0_	1.0	25.2	45	25.2	140	.24	920
CTC3-1R2_	1.2	7.96	50	7.96	140	.27	880
CTC3-1R5_	1.5	7.96	50	7.96	131	.30	830
CTC3-1R8_	1.8	7.96	55	7.96	121	.32	790
CTC3-2R2_	2.2	7.96	55	7.96	110	.35	750
CTC3-2R7_	2.7	7.96	60	7.96	100	.35	720
CTC3-3R3_	3.3	7.96	65	7.96	94	.35	670
CTC3-3R9_	3.9	7.96	65	7.96	86	.37	640
CTC3-4R7_	4.7	7.96	70	7.96	80	.39	620
CTC3-5R6_	5.6	7.96	70	7.96	74	.43	590
CTC3-6R8_	6.8	7.96	75	7.96	68	.48	550
CTC3-8R2_	8.2	7.96	70	7.96	53	.52	530
CTC3-100_	10	7.96	70	7.96	45	.58	500
CTC3-120_	12	2.52	70	2.52	34	.63	480
CTC3-150_	15	2.52	70	2.52	20	.72	460
CTC3-180_	18	2.52	65	2.52	14	.77	430
CTC3-220_	22	2.52	40	2.52	9.9	.84	410
CTC3-270_	27	2.52	55	2.52	7.6	.94	390
CTC3-330_	33	2.52	55	2.52	6.3	1.0	370
CTC3-390_	39	2.52	50	2.52	8.3	1.1	350
CTC3-470_	47	2.52	45	2.52	6.3	1.2	340
CTC3-560_	56	2.52	40	2.52	6.2	1.3	320
CTC3-680_	68	2.52	40	2.52	5.7	1.5	306
CTC3-820_	82	2.52	35	2.52	5.3	1.8	290
CTC3-101_	100	2.52	30	2.52	4.8	1.8	275
CTC3-121_	120	.796	70	.796	3.8	3.7	185
CTC3-151_	150	.796	70	.796	3.5	4.2	175
CTC3-181_	180	.796	70	.796	3.3	4.6	165
CTC3-221_	220	.796	70	.796	3.0	5.1	155
CTC3-271_	270	.796	65	.796	2.8	5.8	146
CTC3-331_	330	.796	65	.796	2.8	6.4	137
CTC3-391_	390	.796	65	.796	2.4	7.0	133
CTC3-471_	470	.796	60	.796	2.2	7.7	126
CTC3-561_	560	.796	60	.796	2.1	8.5	120
CTC3-681_	680	.796	55	.796	1.9	9.4	113
CTC3-821_	820	.796	55	.796	1.8	12	100
CTC3-102_	1000	.796	50	.796	1.4	17	100

PHYSICAL DIMENSIONS

Size	A Max.	B Max.	C Min.	22 AWG Nom.
mm	9.53	4.06	26.7	0.643
inches	0.375	0.16	1.05	0.02535



09.16.03



Manufacturer of Inductors, Chokes, Coils, Beads, Transformers & Toroids

800-684-5322 Inside US 949-453-1811 Outside US

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