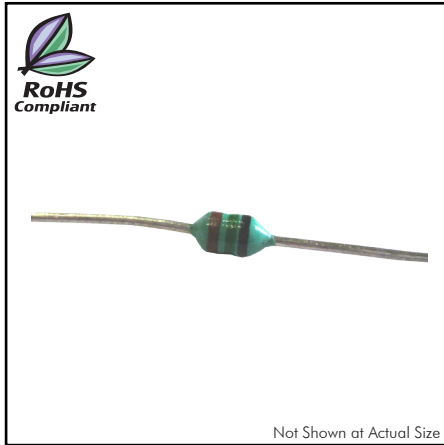


CTCOF Series

From .22 μ H to 220 μ H



SPECIFICATIONS

Please specify inductance tolerance when ordering.

CTCOF-R22 ← J = \pm 5%, K = \pm 10%, M = \pm 20%

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)
CTCOF-R22_	.22	25.2	42	25.2	150	.40	400
CTCOF-R27_	.27	25.2	42	25.2	150	.43	380
CTCOF-R33_	.33	25.2	42	25.2	150	.48	370
CTCOF-R39_	.39	25.2	42	25.2	150	.51	350
CTCOF-R47_	.47	25.2	42	25.2	150	.56	330
CTCOF-R56_	.56	25.2	42	25.2	150	.61	320
CTCOF-R68_	.68	25.2	50	25.2	150	.67	310
CTCOF-R82_	.82	25.2	50	25.2	150	.71	290
CTCOF-1R0_	1.0	25.2	50	25.2	150	.80	270
CTCOF-1R2_	1.2	7.96	50	7.96	110	.90	260
CTCOF-1R5_	1.5	7.96	50	7.96	80	1.00	250
CTCOF-1R8_	1.8	7.96	50	7.96	80	1.10	240
CTCOF-2R2_	2.2	7.96	50	7.96	45	1.20	230
CTCOF-2R7_	2.7	7.96	50	7.96	40	1.30	220
CTCOF-3R3_	3.3	7.96	55	7.96	38	1.40	210
CTCOF-3R9_	3.9	7.96	55	7.96	35	1.60	200
CTCOF-4R7_	4.7	7.96	55	7.96	32	1.70	190
CTCOF-5R6_	5.6	7.96	55	7.96	30	1.90	180
CTCOF-6R8_	6.8	7.96	55	7.96	28	2.00	175
CTCOF-8R2_	8.2	7.96	55	7.96	26	2.20	165
CTCOF-100_	10	7.96	55	7.96	24	2.50	160
CTCOF-120_	12	2.52	55	2.52	22	2.50	150
CTCOF-150_	15	2.52	55	2.52	20	2.80	145
CTCOF-180_	18	2.52	55	2.52	18	3.10	140
CTCOF-220_	22	2.52	55	2.52	17	3.40	130
CTCOF-270_	27	2.52	55	2.52	16	4.30	80
CTCOF-330_	33	2.52	55	2.52	14	4.70	76
CTCOF-390_	39	2.52	55	2.52	13	5.20	74
CTCOF-470_	47	2.52	55	2.52	12	5.80	70
CTCOF-560_	56	2.52	55	2.52	11	6.40	68
CTCOF-680_	68	2.52	55	2.52	10	7.20	64
CTCOF-820_	82	2.52	55	2.52	9.5	11.0	46
CTCOF-101_	100	.796	55	.796	9.0	12.0	44
CTCOF-121_	120	.796	55	.796	8.0	13.0	43
CTCOF-151_	150	.796	55	.796	6.0	16.0	40
CTCOF-181_	180	.796	55	.796	5.5	18.0	38
CTCOF-221_	220	.796	55	.796	5.0	20.0	35

CHARACTERISTICS

Description: Axial leaded conformal coated inductor

Applications: Used in less harsh environments. Ideal for less critical RFL/EMI applications

Operating Temperature: -55°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 - 1000 pieces per bag, Tape & Reel - 5000 pieces per reel

Material: Magnetic core treated with epoxy resin for protection and longer reliability

Marking: Parts are EIA three color banded indicating inductance value and tolerance

Miscellaneous: **RoHS Compliant.** Other values available.

Additional Information: Additional electrical & physical information available upon request.

Samples available. See website for ordering information.

PHYSICAL DIMENSIONS

Size	A	B	C
mm	4.31 \pm 0.51	2.28 \pm 0.25	29.21
inches	0.170 \pm 0.02	0.09 \pm 0.01	1.15