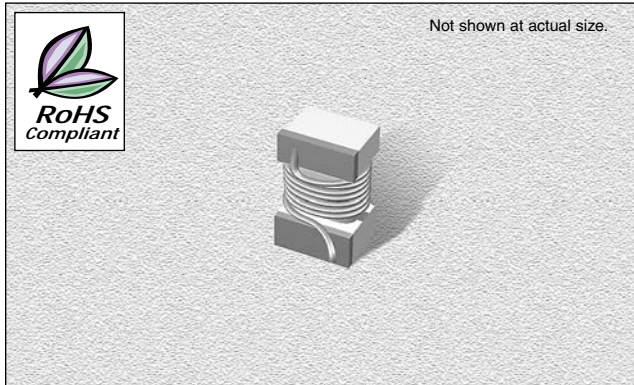


CT0402CSF Series

From 1.0 nH to 120 nH

ENGINEERING KIT #5



CHARACTERISTICS

Description: SMD ceramic core wire-wound chip inductor

Applications: Telecommunication equipment, mobile phones, small size pagers, computers, printers and relevant equipment.

Also, audio & video applications, the automotive electronics industry and high frequency applications

Operating Temperature: -40°C to +125°C

Inductance Tolerance: ±2%, ±5%, ±10%

Testing: Inductance and Q are tested on an HP4287A at 250 MHz

Packaging: Tape & Reel

Marking: Reels are marked with inductance code and tolerance

Additional Information: Additional electrical & physical information available upon request

Samples available. See website for ordering information.

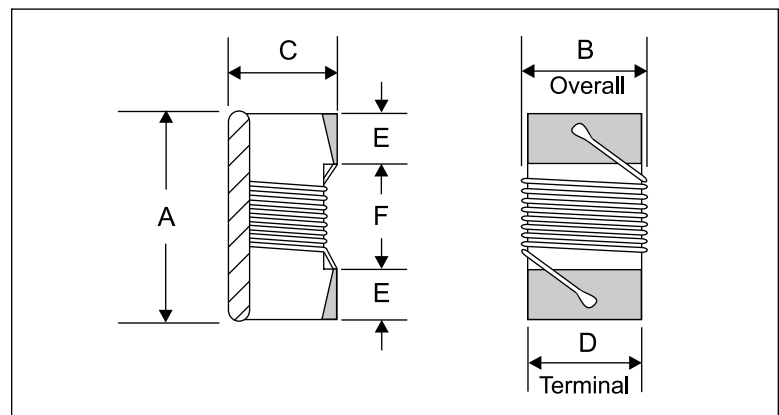
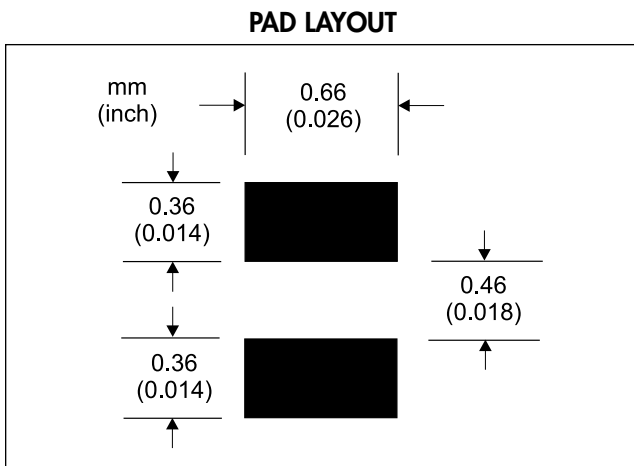
SPECIFICATIONS

Please specify tolerance code when ordering.
CT0402CS-2N0_ ← G = ±2%, J = ±5%, K = ±10%
* J or K only

Part Number	Inductance (nH)	L Test Freq. (MHz)	Q Fact. Min.	Q Test Freq. (MHz)	SRF Min. (MHz)	DCR Max. (Ω)	Rated DC (mA)
CT0402CSF-1N0K	1.0	250	13	250	>6000	.04	1000
CT0402CSF-1N9K	1.9	250	16	250	>6000	.07	1040
CT0402CSF-2N0_*	2.0	250	16	250	>6000	.07	1040
CT0402CSF-2N2_*	2.2	250	16	250	>6000	.07	840
CT0402CSF-2N4_*	2.4	250	16	250	>6000	.07	840
CT0402CSF-2N7_*	2.7	250	16	250	>6000	.07	840
CT0402CSF-3N3_*	3.3	250	19	250	>6000	.06	840
CT0402CSF-3N6_	3.6	250	19	250	>6000	.06	840
CT0402CSF-3N9_	3.9	250	17	250	5800	.11	800
CT0402CSF-4N3_	4.3	250	18	250	5800	.11	800
CT0402CSF-4N7_	4.7	250	20	250	5800	.11	800
CT0402CSF-5N1_	5.1	250	21	250	5800	.11	800
CT0402CSF-5N6_	5.6	250	20	250	4800	.08	760
CT0402CSF-6N2_	6.2	250	20	250	4800	.08	760
CT0402CSF-6N8_	6.8	250	23	250	4400	.14	680
CT0402CSF-7N5_	7.5	250	23	250	4400	.14	680
CT0402CSF-8N2_	8.2	250	24	250	4400	.14	680
CT0402CSF-8N7_	8.7	250	18	250	4100	.20	480
CT0402CSF-9N0_	9.0	250	22	250	4160	.10	680
CT0402CSF-9N5_	9.5	250	18	250	4000	.20	480
CT0402CSF-10N_	10	250	25	250	3700	.18	600
CT0402CSF-11N_	11	250	25	250	3700	.18	600
CT0402CSF-12N_	12	250	25	250	3600	.18	600
CT0402CSF-13N_	13	250	26	250	3600	.18	600
CT0402CSF-15N_	15	250	26	250	3200	.21	560
CT0402CSF-16N_	16	250	26	250	3200	.21	560
CT0402CSF-18N_	18	250	26	250	3000	.25	480
CT0402CSF-19N_	19	250	24	250	3040	.20	480
CT0402CSF-20N_	20	250	26	250	3000	.25	480
CT0402CSF-22N_	22	250	26	250	2700	.36	375
CT0402CSF-23N_	23	250	22	250	2720	.30	400
CT0402CSF-24N_	24	250	26	250	2700	.36	375
CT0402CSF-27N_	27	250	26	250	2500	.36	375
CT0402CSF-30N_	30	250	26	250	2200	.41	320
CT0402CSF-33N_	33	250	26	250	2200	.41	320
CT0402CSF-36N_	36	250	26	250	2200	.46	310
CT0402CSF-39N_	39	250	26	250	2200	.46	310
CT0402CSF-40N_	40	250	24	250	2240	.44	320
CT0402CSF-43N_	43	250	26	250	2100	.50	300
CT0402CSF-47N_	47	250	26	250	2000	.55	260
CT0402CSF-51N_	51	250	26	250	2000	.55	260
CT0402CSF-56N_	56	250	26	250	1900	.77	200
CT0402CSF-68N_	68	250	22	250	1620	1.1	100
CT0402CSF-82N_*	82	250	26	250	1700	1.33	180
CT0402CSF-R10_*	100	250	26	250	1300	1.87	160
CT0402CSF-R12_*	120	250	26	250	1200	2.35	140

PHYSICAL DIMENSIONS

Size	A	B	C	D	E	F
mm	1±0.1	0.68±0.1	0.55±0.05	0.55±0.05	0.2±0.05	0.6
inches	0.04±0.004	0.03±0.004	0.02±0.001	0.02±0.001	0.007±0.001	0.02



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