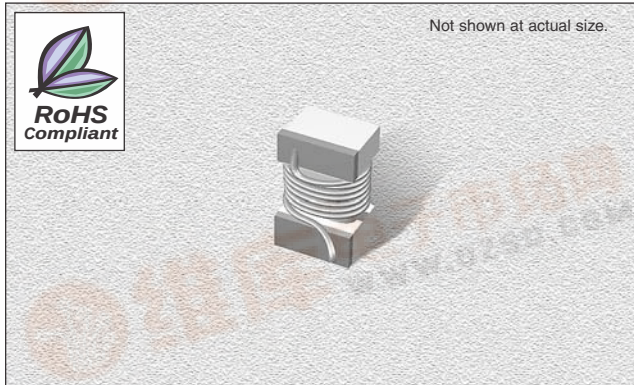


查询"CT0402CSF-51NH"供应商

CT0402CSF Series

From 1.0 nH to 120 nH

ENGINEERING KIT #5F



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:** $\pm 2\%$, $\pm 3\%$, $\pm 5\%$, $\pm 10\%$ **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.**

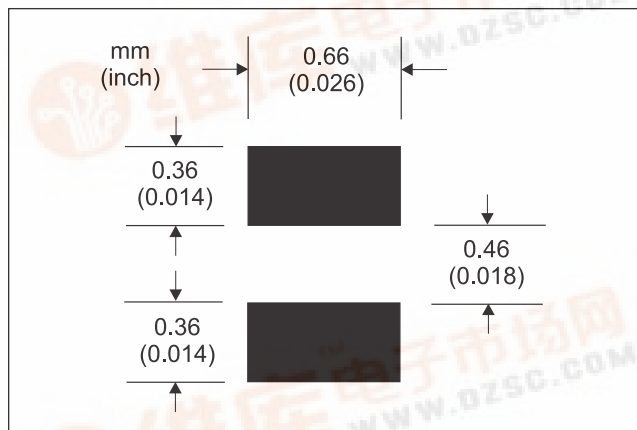
SPECIFICATIONS

Please specify tolerance code when ordering.

CT0402CS-2N0 $\leftarrow$ G = $\pm 2\%$, H = $\pm 3\%$, J = $\pm 5\%$, K = $\pm 10\%$
* 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-1N8K	1.8	250	14	250	>6000	.07	1700
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-5N8	5.8	250	20	250	4800	.083	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-62N	62	250	22	250	1620	1.12	100
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

PAD LAYOUT



PHYSICAL DIMENSIONS

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

09.02.08

Manufacturer of Passive and Discrete Semiconductor Components

800-684-5322 Inside US

949-453-1811 Outside US

Copyright © 2008 by CT Magnetics, DBA Central Technologies. All rights reserved.

CT Magnetics reserves the right to make improvements or change specifications without notice