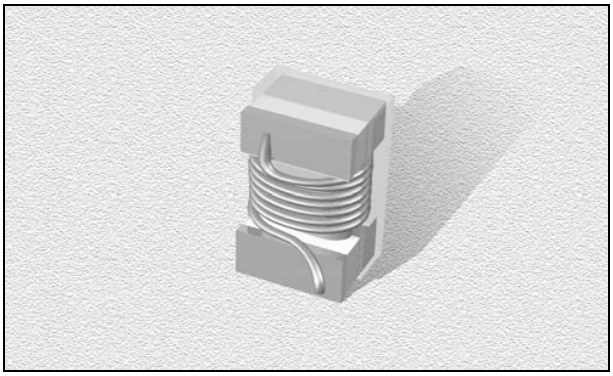
Wire-wound Chip Inductors – Open

GV0402CS Series

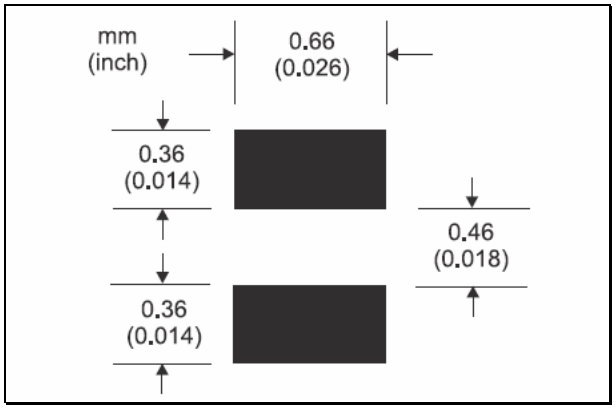
From 1.0 nH to 120 nH



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 and the automotive electronics industry. High frequency applications
Operating Temperature: -40°C to +125°C
Inductance Tolerance: ±2%, ±5%, ±10%, ±20%
Testing: Inductance and Q are tested on an HP4287A at specified frequency
Packaging: Tape & Reel
Marking: Reels are marked with inductance code and tolerance
Miscellaneous: RoHS Compliant available.
Additional Information: Additional electrical & physical information available upon request
Samples available. See website for ordering information.

PAD LAYOUT



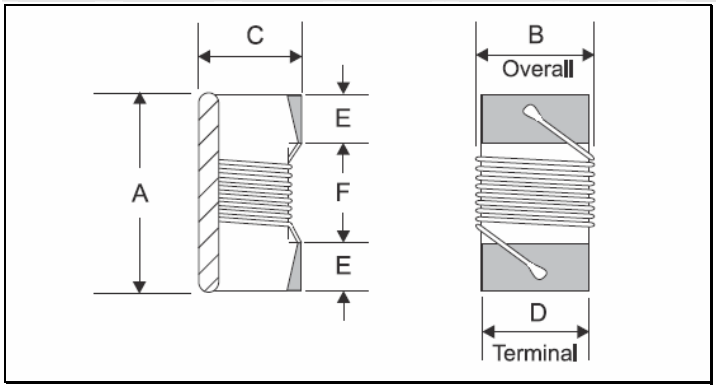
SPECIFICATIONS

Please specify tolerance code when ordering.
GV0402CS-1N6_ ← G = ±2%, J = ±5%, K = ±10%
*** J or K only**
GV0402CS**F Please specify "F" for RoHS Compliant**

Part Number	Inductance (nH)	L Test Freq. (MHz)	Q Fact. Min.	Q est Freq. (MHz)	SRF Min. (MHz)	DCR Max. (Ω)	Rated DC (mA)
GV0402CS_-1N0K	1.0	250	13	250	>6000	.04	1000
GV0402CS_-1N9K	1.9	250	16	250	>6000	.07	1040
GV0402CS_-2N0_*	2.0	250	16	250	>6000	.07	1040
GV0402CS_-2N2_*	2.2	250	16	250	>6000	.07	840
GV0402CS_-2N4_*	2.4	250	16	250	>6000	.07	840
GV0402CS_-2N7_*	2.7	250	16	250	>6000	.07	840
GV0402CS_-3N3_*	3.3	250	19	250	>6000	.06	840
GV0402CS_-3N6_	3.6	250	19	250	>6000	.06	840
GV0402CS_-3N9_	3.9	250	17	250	5800	.11	800
GV0402CS_-4N3_	4.3	250	18	250	5800	.11	800
GV0402CS_-4N7_	4.7	250	20	250	5800	.11	800
GV0402CS_-5N1_	5.1	250	21	250	5800	.11	800
GV0402CS_-5N6_	5.6	250	20	250	4800	.08	760
GV0402CS_-6N2_	6.2	250	20	250	4800	.08	760
GV0402CS_-6N8_	6.8	250	23	250	4400	.14	680
GV0402CS_-7N5_	7.5	250	23	250	4400	.14	680
GV0402CS_-8N2_	8.2	250	24	250	4400	.14	680
GV0402CS_-8N7_	8.7	250	18	250	4100	.20	480
GV0402CS_-9N0_	9.0	250	22	250	4160	.10	680
GV0402CS_-9N5_	9.5	250	18	250	4000	.20	480
GV0402CS_-10N_	10	250	25	250	3700	.18	600
GV0402CS_-11N_	11	250	25	250	3700	.18	600
GV0402CS_-12N_	12	250	25	250	3600	.18	600
GV0402CS_-13N_	13	250	26	250	3600	.18	600
GV0402CS_-15N_	15	250	26	250	3200	.21	560
GV0402CS_-16N_	16	250	26	250	3200	.21	560
GV0402CS_-18N_	18	250	26	250	3000	.25	480
GV0402CS_-19N_	19	250	24	250	3040	.20	480
GV0402CS_-20N_	20	250	26	250	3000	.25	480
GV0402CS_-22N_	22	250	26	250	2700	.36	375
GV0402CS_-23N_	23	250	22	250	2720	.30	400
GV0402CS_-24N_	24	250	26	250	2700	.36	375
GV0402CS_-27N_	27	250	26	250	2500	.36	375
GV0402CS_-30N_	30	250	26	250	2200	.41	320
GV0402CS_-33N_	33	250	26	250	2200	.41	320
GV0402CS_-36N_	36	250	26	250	2200	.46	310
GV0402CS_-39N_	39	250	26	250	2200	.46	310
GV0402CS_-40N_	40	250	24	250	2240	.44	320
GV0402CS_-43N_	43	250	26	250	2100	.50	300
GV0402CS_-47N_	47	250	26	250	2000	.55	260
GV0402CS_-51N_	51	250	26	250	2000	.55	260
GV0402CS_-56N_	56	250	26	250	1900	.77	200
GV0402CS_-68N_	68	250	22	250	1620	1.1	100
GV0402CS_-82N_*	82	250	26	250	1700	1.33	180
GV0402CS_-R10_*	100	250	26	250	1300	1.87	160
GV0402CS_-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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