

WWCI Series
SMD Wire Wound Ceramic Inductor
Size 0402



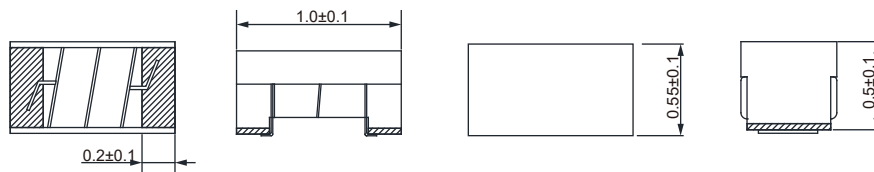
CHARACTERISTICS

- Wire wound with high Q and high SRF
- More stable due to ceramic design
- Small size and small tolerance available
- Quantity: 10000pcs

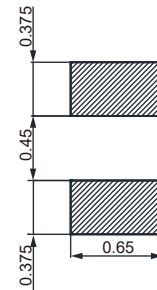
APPLICATION

- HF application

Dimensions: [mm]



Land Pattern: [mm]



Electrical Properties:

Part No	Inductance (nH)	Test Condition @MHz	Tolerance	Temperature Rise Current Max. (mA)	Q Min. @250MHz	Q Typ. @900 MHz	DCR Max. (Ω)	SRF Min. (MHz)
WWCI0402-1N0B	1	250	±0.2 nH	1360	13	26	0.045	6000
WWCI0402-1N9B	1.9	250	±0.2 nH	1040	16	29	0.07	6000
WWCI0402-2N0B	2	250	±0.2 nH	1040	16	30	0.07	6000
WWCI0402-2N2B	2.2	250	±0.2 nH	960	18	32	0.07	6000
WWCI0402-2N4B	2.4	250	±0.2 nH	790	16	35	0.068	6000
WWCI0402-2N7B	2.7	250	±0.2 nH	860	16	31	0.12	6000
WWCI0402-3N3J	3.3	250	±5%	840	20	41	0.066	6000
WWCI0402-3N6J	3.6	250	±5%	840	20	43	0.066	6000
WWCI0402-3N9J	3.9	250	±5%	840	20	41	0.066	5800
WWCI0402-4N3J	4.3	250	±5%	700	18	45	0.091	6000
WWCI0402-4N7J	4.7	250	±5%	640	15	45	0.13	4775
WWCI0402-5N1J	5.1	250	±5%	800	23	49	0.083	5800
WWCI0402-5N6J	5.6	250	±5%	760	23	46	0.083	5800
WWCI0402-6N2J	6.2	250	±5%	760	23	49	0.083	5800
WWCI0402-6N8J	6.8	250	±5%	680	20	50	0.083	4800
WWCI0402-7N5J	7.5	250	±5%	680	25	50	0.104	5800
WWCI0402-8N2J	8.2	250	±5%	680	25	49	0.104	4400
WWCI0402-8N7J	8.7	250	±5%	480	18	50	0.2	4100

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WWCI0402-9N0J	9	250	±5%	680	25	49	0.104	4160
WWCI0402-9N5J	9.5	250	±5%	680	18	45	0.2	4000
WWCI0402-10NG	10	250	±2%	480	23	47	0.195	3900
WWCI0402-10NJ	10	250	±5%	480	23	47	0.195	3900
WWCI0402-11NG	11	250	±2%	640	26	56	0.12	3680
WWCI0402-11NJ	11	250	±5%	640	26	56	0.12	3680
WWCI0402-12NG	12	250	±2%	640	26	51	0.12	3600
WWCI0402-12NJ	12	250	±5%	640	26	51	0.12	3600
WWCI0402-13NG	13	250	±2%	560	24	54	0.21	3450
WWCI0402-13NJ	13	250	±5%	560	24	54	0.21	3450
WWCI0402-15NG	15	250	±2%	560	26	54	0.172	3280
WWCI0402-15NJ	15	250	±5%	560	26	54	0.172	3280
WWCI0402-16NG	16	250	±2%	560	24	54	0.22	3100
WWCI0402-16NJ	16	250	±5%	560	24	54	0.22	3100
WWCI0402-18NG	18	250	±2%	520	25	52	0.23	3100
WWCI0402-18NJ	18	250	±5%	520	25	52	0.23	3100
WWCI0402-19NG	19	250	±2%	480	26	50	0.202	3040
WWCI0402-19NJ	19	250	±5%	480	26	50	0.202	3040
WWCI0402-20NG	20	250	±2%	420	25	51	0.25	3000
WWCI0402-20NJ	20	250	±5%	420	25	51	0.25	3000
WWCI0402-22NG	22	250	±2%	400	25	52	0.3	2800
WWCI0402-22NJ	22	250	±5%	400	25	52	0.3	2800
WWCI0402-23NG	23	250	±2%	400	26	53	0.214	2720
WWCI0402-23NJ	23	250	±5%	400	26	53	0.214	2720
WWCI0402-24NG	24	250	±2%	400	25	51	0.3	2700
WWCI0402-24NJ	24	250	±5%	400	25	51	0.3	2700
WWCI0402-27NG	27	250	±2%	400	26	48	0.298	2480
WWCI0402-27NJ	27	250	±5%	400	26	48	0.298	2480
WWCI0402-30NG	30	250	±2%	400	25	46	0.3	2350
WWCI0402-30NJ	30	250	±5%	400	25	46	0.3	2350
WWCI0402-33NG	33	250	±2%	400	24	48	0.35	2350
WWCI0402-33NJ	33	250	±5%	400	24	48	0.35	2350
WWCI0402-36NG	36	250	±2%	320	26	48	0.403	2320
WWCI0402-36NJ	36	250	±5%	320	26	48	0.403	2320
WWCI0402-39NG	39	250	±2%	320	25	45	0.55	2100
WWCI0402-39NJ	39	250	±5%	320	25	45	0.55	2100
WWCI0402-40NG	40	250	±2%	320	26	48	0.438	2240
WWCI0402-40NJ	40	250	±5%	320	26	48	0.438	2240
WWCI0402-43NG	43	250	±2%	240	25	46	0.81	2030
WWCI0402-43NJ	43	250	±5%	240	25	46	0.81	2030
WWCI0402-47NG	47	200	±2%	210	26	46	0.83	2100
WWCI0402-47NJ	47	200	±5%	210	26	46	0.83	2100
WWCI0402-51NJ	51	200	±5%	210	25	40	0.82	1750

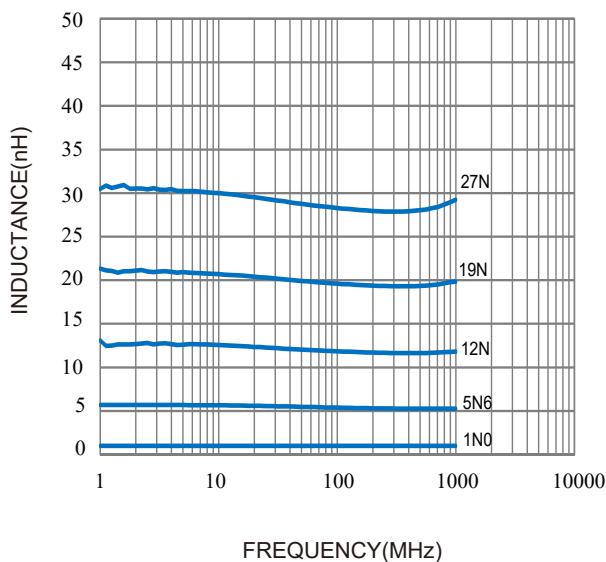
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WWCI0402-56NJ	56	200	±5%	200	22	42	0.97	1760
WWCI0402-68NJ	68	200	±5%	180	22	36	1.12	1620
WWCI0402-75NJ	75	150	±5%	160	20	34	1.2	1550
WWCI0402-82NJ	82	150	±5%	150	20	33	1.25	1500
WWCI0402-91NJ	91	150	±5%	120	20	30	2.3	1350
WWCI0402-R10J	100	150	±5%	120	20	30	2.52	1300
WWCI0402-R12J	120	150	±5%	110	20	29	2.66	1100

Operating temperature: -40 to +125°C

Temperature rise current: the actual value of DC current when the temperature rise is ΔT15 °C

Typical Electrical Characteristics:

Inductance VS. Frequency Characteristics:



Temperature Rise VS. Frequency Characteristics:

