WWCIHC Series

SMD Wire Wound Ceramic Inductor

Size 0603

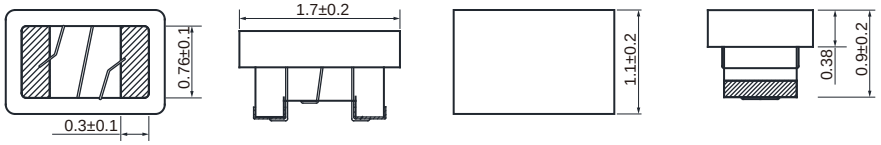
CHARACTERISTICS

- Wire wounded with high Q and high SRF
- More stable due to ceramic design
- Small size and small tolerance available
- Quan ty: 3000pcs

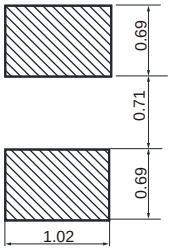
APPLICATION

- HF applica on

Dimensions: [mm]



Land Pattern: [mm]



Electrical Properties:

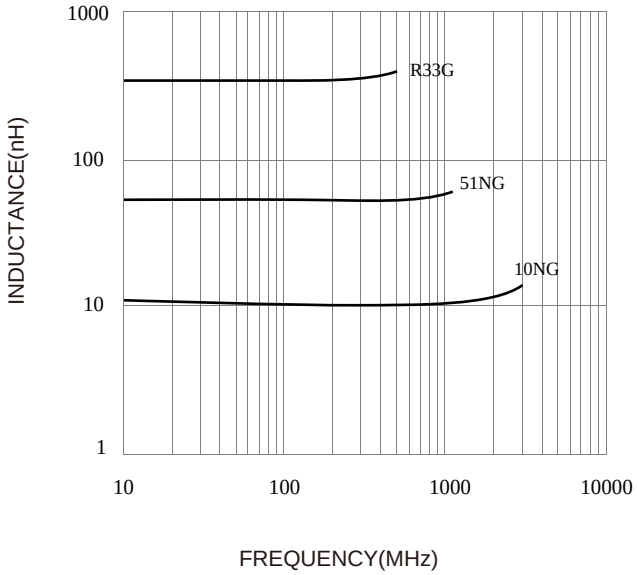
WWCIHC0603-1N8B	1.8	250	±0.2 nH	23	250	2100	0.033	16
WWCIHC0603-2N2B	2.2	250	±0.2 nH	13	250	900	0.230	15
WWCIHC0603-3N3B	3.3	250	±0.2 nH	32	250	1900	0.030	9.6
WWCIHC0603-3N6B	3.6	250	±0.2 nH	40	250	1900	0.031	9.7
WWCIHC0603-3N9B	3.9	250	±0.2 nH	35	250	1600	0.039	7.5
WWCIHC0603-4N3B	4.3	250	±0.2 nH	30	250	1300	0.080	7.5
WWCIHC0603-5N1B	5.1	250	±0.2 nH	40	250	1700	0.036	8.9
WWCIHC0603-5N6B	5.6	250	±0.2 nH	48	250	1700	0.040	6.6
WWCIHC0603-6N0B	6.0	250	±0.2 nH	49	250	1700	0.040	6.0
WWCIHC0603-6N8G	6.8	250	±2%	42	250	1400	0.042	5.8
WWCIHC0603-7N2G	7.2	250	±2%	43	250	1400	0.070	5.4
WWCIHC0603-7N5G	7.5	250	±2%	41	250	1300	0.080	5.3
WWCIHC0603-8N2G	8.2	250	±2%	46	250	1400	0.054	5.9
WWCIHC0603-8N7G	8.7	250	±2%	46	250	1400	0.054	5.5
WWCIHC0603-9N1G	9.1	250	±2%	40	250	1400	0.058	5.1
WWCIHC0603-9N5G	9.5	250	±2%	49	250	1400	0.053	4.9
WWCIHC0603-10NG	10	250	±2%	49	250	1400	0.048	4.3
WWCIHC0603-11NG	11	250	±2%	41	250	1400	0.065	4.1
WWCIHC0603-12NG	12	250	±2%	37	250	1100	0.115	4.1

WWCIHC0603-15NG	15	250	±2%	48	250	1200	0.078	3.6
WWCIHC0603-16NG	16	250	±2%	48	250	1100	0.085	3.5
WWCIHC0603-18NG	18	250	±2%	41	250	1200	0.070	3.3
WWCIHC0603-22NG	22	250	±2%	44	250	850	0.140	3.15
WWCIHC0603-23NG	23	250	±2%	40	250	850	0.183	3.0
WWCIHC0603-24NG	24	250	±2%	42	250	1100	0.085	2.95
WWCIHC0603-27NG	27	250	±2%	44	250	780	0.200	2.8
WWCIHC0603-30NG	30	250	±2%	49	250	920	0.160	2.8
WWCIHC0603-33NG	33	250	±2%	45	250	680	0.220	2.7
WWCIHC0603-36NG	36	250	±2%	44	250	720	0.225	2.5
WWCIHC0603-39NG	39	250	±2%	44	250	680	0.250	2.45
WWCIHC0603-43NG	43	250	±2%	45	250	810	0.225	2.45
WWCIHC0603-47NG	47	200	±2%	47	250	680	0.240	2.3
WWCIHC0603-51NG	51	200	±2%	45	250	660	0.280	2.3
WWCIHC0603-56NG	56	200	±2%	45	250	610	0.300	2.2
WWCIHC0603-68NG	68	200	±2%	46	250	600	0.350	2.0
WWCIHC0603-72NG	72	150	±2%	46	250	550	0.420	1.9
WWCIHC0603-75NG	75	150	±2%	46	250	500	0.520	1.9
WWCIHC0603-82NG	82	150	±2%	45	250	510	0.460	1.8
WWCIHC0603-91NG	91	150	±2%	45	250	440	0.580	1.65
WWCIHC0603-R10G	100	150	±2%	49	250	470	0.540	1.7
WWCIHC0603-R11G	110	150	±2%	47	250	440	0.580	1.6
WWCIHC0603-R12G	120	150	±2%	47	250	420	0.720	1.55
WWCIHC0603-R15G	150	150	±2%	47	250	390	0.820	1.35
WWCIHC0603-R18G	180	100	±2%	48	250	310	1.500	1.3
WWCIHC0603-R20G	200	100	±2%	47	250	280	2.000	1.25
WWCIHC0603-R21G	210	100	±2%	48	250	280	2.000	1.2
WWCIHC0603-R22G	220	100	±2%	47	250	280	2.000	1.1
WWCIHC0603-R25G	250	100	±2%	45	250	240	3.000	1.05
WWCIHC0603-R27G	270	100	±2%	46	250	260	2.250	1.05
WWCIHC0603-R30G	300	100	±2%	47	250	220	2.800	0.99
WWCIHC0603-R33G	330	100	±2%	46	250	180	3.600	0.93
WWCIHC0603-R36G	360	100	±2%	47	250	170	4.600	0.93
WWCIHC0603-R39G	390	100	±2%	47	250	170	4.770	0.88

Opera ng temperature: -40 to +125℃
Temperature rise current: the actual value of DC current when the temperature rise is ΔT20℃

Typical Electrical Characteristics:

Inductance VS. Frequency Characteristics:



Temperture Rise VS. Frequency Characteristics: