

WWCI Series

SMD Wire Wound Ceramic Inductor

Size 1008

CHARACTERISTICS

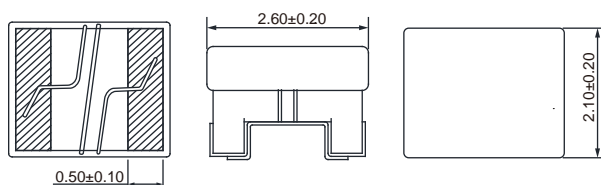
- Wire wounded with high Q and high SRF
- More stable due to ceramic design
- Small size and small tolerance available
- Quantity: 2000pcs

APPLICATION

- HF application

Dimensions: [mm]

Land Pattern: [mm]



Electrical Properties:

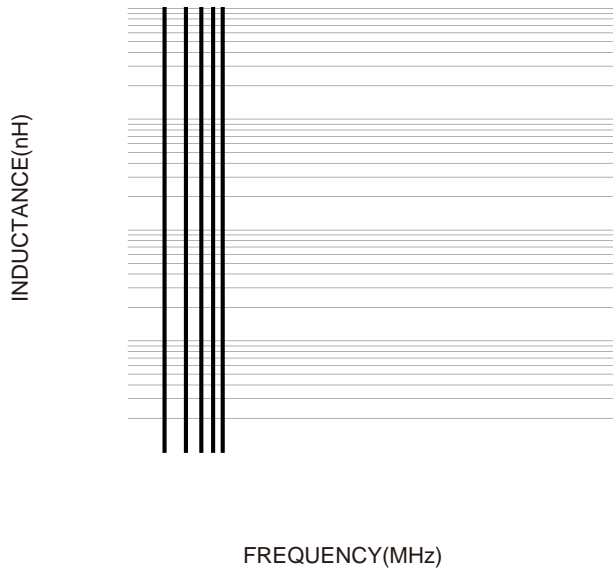
		Condition			Condition		(Ω)	
WWCI1008-33NG	33	100	$\pm 2\%$	60	350	1000	0.1	1700
WWCI1008-39NJ	39	100	$\pm 5\%$	60	350	1000	0.1	1500
WWCI1008-39NG	39	100	$\pm 2\%$	60	350	1000	0.1	1500
WWCI1008-47NJ	47	100	$\pm 5\%$	60	350	1000	0.1	1500
WWCI1008-47NG	47	100	$\pm 2\%$	60	350	1000	0.1	1500
WWCI1008-56NJ	56	100	$\pm 5\%$	60	350	1000	0.12	1350
WWCI1008-56NG	56	100	$\pm 2\%$	60	350	1000	0.12	1350
WWCI1008-68NJ	68	100	$\pm 5\%$	60	350	1000	0.15	1300
WWCI1008-68NG	68	100	$\pm 2\%$	60	350	1000	0.15	1300
WWCI1008-82NJ	82	100	$\pm 5\%$	60	350	1000	0.18	1100
WWCI1008-82NG	82	100	$\pm 2\%$	60	350	1000	0.18	1100
WWCI1008-R10J	100	100	$\pm 5\%$	60	350	1000	0.18	1100
WWCI1008-R10G	100	100	$\pm 2\%$	60	350	1000	0.18	1100
WWCI1008-R12J	120	25.2	$\pm 5\%$	45	100	800	0.2	950
WWCI1008-R12G	120	25.2	$\pm 2\%$	45	100	800	0.2	950
WWCI1008-R15J	150	25.2	$\pm 5\%$	45	100	800	0.22	880
WWCI1008-R15G	150	25.2	$\pm 2\%$	45	100	800	0.22	880
WWCI1008-R18J	180	25.2	$\pm 5\%$	45	100	800	0.33	800
WWCI1008-R18G	180	25.2	$\pm 2\%$	45	100	800	0.33	800
WWCI1008-R22J	220	25.2	$\pm 5\%$	45	100	800	0.45	730
WWCI1008-R22G	220	25.2	$\pm 2\%$	45	100	800	0.45	730
WWCI1008-R27J	270	25.2	$\pm 5\%$	45	100	600	0.75	650
WWCI1008-R27G	270	25.2	$\pm 2\%$	45	100	600	0.75	650
WWCI1008-R33J	330	25.2	$\pm 5\%$	45	100	500	0.9	570
WWCI1008-R33G	330	25.2	$\pm 2\%$	45	100	500	0.9	570
WWCI1008-R39J	390	25.2	$\pm 5\%$	45	100	470	1.06	530
WWCI1008-R39G	390	25.2	$\pm 2\%$	45	100	470	1.06	530
WWCI1008-R47J	470	25.2	$\pm 5\%$	45	100	420	1.17	480
WWCI1008-R47G	470	25.2	$\pm 2\%$	45	100	420	1.17	480
WWCI1008-R56J	560	25.2	$\pm 5\%$	45	100	310	1.5	430
WWCI1008-R56G	560	25.2	$\pm 2\%$	45	100	310	1.5	430
WWCI1008-R68J	680	25.2	$\pm 5\%$	45	100	230	2.06	380
WWCI1008-R68G	680	25.2	$\pm 2\%$	45	100	230	2.06	380
WWCI1008-R82J	820	25.2	$\pm 5\%$	45	100	180	2.3	350
WWCI1008-R82G	820	25.2	$\pm 2\%$	45	100	180	2.3	350
WWCI1008-1R0J	1000	25.2	$\pm 5\%$	35	50	120	3.3	310
WWCI1008-1R0G	1000	25.2	$\pm 2\%$	35	50	120	3.3	310

Operating temperature: -40 to +125°C

Temperature rise current: the actual value of DC current when the temperature rise is $T_{15}C$

Typical Electrical Characteristics:

Inductance VS. Frequency Characteristics:



Temperture Rise VS. Frequency Characteristics:

