

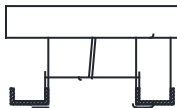
## SMD Wire Wound Ceramic Inductor Size 0402



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

Dimensions: [mm]

Land Pattern: [mm]



### Electrical Properties:

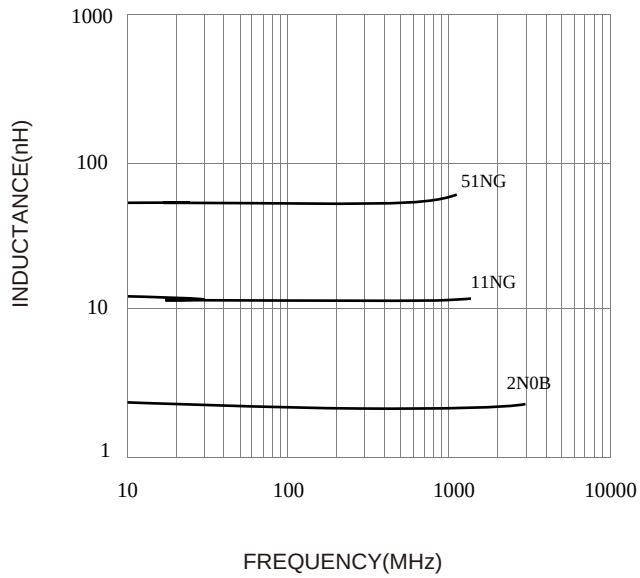
| Part No         | Inductance (nH) | Test @MHz | Tolerance | Q Min. | Test Q @MHz | Temperature Rise Current Max. (mA) | DCR Max. | SRF Min. (GHz) |
|-----------------|-----------------|-----------|-----------|--------|-------------|------------------------------------|----------|----------------|
| WWCIHC0402-1N0B | 1               | 250       | ±0.2 nH   | 20     | 250         | 2300                               | 0.030    | 16.00          |
| WWCIHC0402-2N0B | 2               | 250       | ±0.2 nH   | 24     | 250         | 2100                               | 0.038    | 15.20          |
| WWCIHC0402-2N2B | 2.2             | 250       | ±0.2 nH   | 25     | 250         | 2100                               | 0.038    | 15.10          |
| WWCIHC0402-2N7B | 2.7             | 250       | ±0.2 nH   | 24     | 250         | 1500                               | 0.056    | 13.00          |
| WWCIHC0402-3N3B | 3.3             | 250       | ±0.2 nH   | 28     | 250         | 1700                               | 0.045    | 12.80          |
| WWCIHC0402-3N6B | 3.6             | 250       | ±0.2 nH   | 28     | 250         | 1700                               | 0.045    | 11.70          |
| WWCIHC0402-3N9B | 3.9             | 250       | ±0.2 nH   | 28     | 250         | 1700                               | 0.045    | 9.50           |
| WWCIHC0402-4N3B | 4.3             | 250       | ±0.2 nH   | 27     | 250         | 1600                               | 0.050    | 7.15           |
| WWCIHC0402-4N7B | 4.7             | 250       | ±0.2 nH   | 23     | 250         | 1500                               | 0.075    | 6.85           |
| WWCIHC0402-5N1B | 5.1             | 250       | ±0.2 nH   | 20     | 250         | 1200                               | 0.100    | 6.80           |
| WWCIHC0402-5N6B | 5.6             | 250       | ±0.2 nH   | 29     | 250         | 1600                               | 0.048    | 6.50           |
| WWCIHC0402-6N2B | 6.2             | 250       | ±0.2 nH   | 29     | 250         | 1600                               | 0.050    | 5.80           |
| WWCIHC0402-6N8G | 6.8             | 250       | ±2%       | 28     | 250         | 1500                               | 0.070    | 5.80           |





## Typical Electrical Characteristics:

Inductance VS. Frequency Characteristics:



Temperture Rise VS. Frequency Characteristics:

