

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
- Quantity: 3000pcs

APPLICATION

- HF application

Dimensions: [mm]

Land Pattern: [mm]



Electrical Properties:

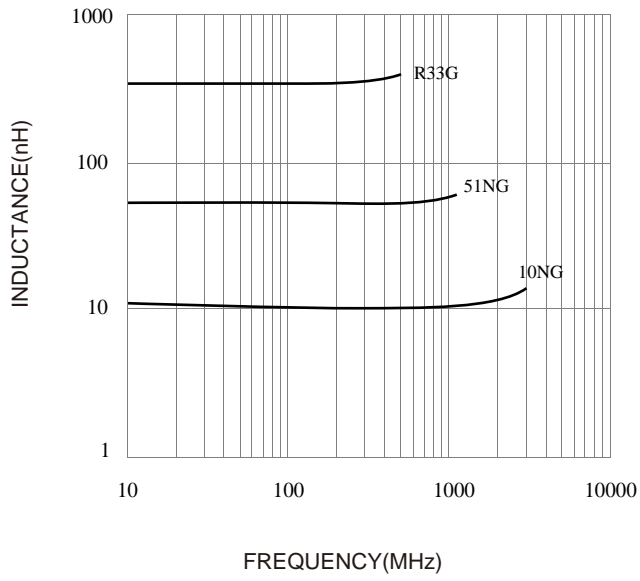
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|-----------------|-----|----------|-----|----|----------|------|-------|------|
| WWCIHCO603-15NG | 15 | 250 | ±2% | 48 | 250 | 1200 | 0.078 | 3.6 |
| WWCIHCO603-16NG | 16 | 250 | ±2% | 48 | 250 | 1100 | 0.085 | 3.5 |
| WWCIHCO603-18NG | 18 | 250 | ±2% | 41 | 250 | 1200 | 0.070 | 3.3 |
| WWCIHCO603-22NG | 22 | 250 | ±2% | 44 | 250 | 850 | 0.140 | 3.15 |
| WWCIHCO603-23NG | 23 | 250 | ±2% | 40 | 250 | 850 | 0.183 | 3.0 |
| WWCIHCO603-24NG | 24 | 250 | ±2% | 42 | 250 | 1100 | 0.085 | 2.95 |
| WWCIHCO603-27NG | 27 | 250 | ±2% | 44 | 250 | 780 | 0.200 | 2.8 |
| WWCIHCO603-30NG | 30 | 250 | ±2% | 49 | 250 | 920 | 0.160 | 2.8 |
| WWCIHCO603-33NG | 33 | 250 | ±2% | 45 | 250 | 680 | 0.220 | 2.7 |
| WWCIHCO603-36NG | 36 | 250 | ±2% | 44 | 250 | 720 | 0.225 | 2.5 |
| WWCIHCO603-39NG | 39 | 250 | ±2% | 44 | 250 | 680 | 0.250 | 2.45 |
| WWCIHCO603-43NG | 43 | 250 | ±2% | 45 | 250 | 810 | 0.225 | 2.45 |
| WWCIHCO603-47NG | 47 | 200 | ±2% | 47 | 250 | 680 | 0.240 | 2.3 |
| WWCIHCO603-51NG | 51 | 200 | ±2% | 45 | 250 | 660 | 0.280 | 2.3 |
| WWCIHCO603-56NG | 56 | 200 | ±2% | 45 | 250 | 610 | 0.300 | 2.2 |
| WWCIHCO603-68NG | 68 | 200 | ±2% | 46 | 250 | 600 | 0.350 | 2.0 |
| WWCIHCO603-72NG | 72 | 150 | ±2% | 46 | 250 | 550 | 0.420 | 1.9 |
| WWCIHCO603-75NG | 75 | 150 | ±2% | 46 | 250 | 500 | 0.520 | 1.9 |
| WWCIHCO603-82NG | 82 | 150 | ±2% | 45 | 250 | 510 | 0.460 | 1.8 |
| WWCIHCO603-91NG | 91 | 150 | ±2% | 45 | 250 | 440 | 0.580 | 1.65 |
| WWCIHCO603-R10G | 100 | 150 | ±2% | 49 | 250 | 470 | 0.540 | 1.7 |
| WWCIHCO603-R11G | 110 | 150 | ±2% | 47 | 250 | 440 | 0.580 | 1.6 |
| WWCIHCO603-R12G | 120 | 150 | ±2% | 47 | 250 | 420 | 0.720 | 1.55 |
| WWCIHCO603-R15G | 150 | 150 | ±2% | 47 | 250 | 390 | 0.820 | 1.35 |
| WWCIHCO603-R18G | 180 | 100 | ±2% | 48 | 250 | 310 | 1.500 | 1.3 |
| WWCIHCO603-R20G | 200 | 100 | ±2% | 47 | 250 | 280 | 2.000 | 1.25 |
| WWCIHCO603-R21G | 210 | 100 | ±2% | 48 | 250 | 280 | 2.000 | 1.2 |
| WWCIHCO603-R22G | 220 | 100 | ±2% | 47 | 250 | 280 | 2.000 | 1.1 |
| WWCIHCO603-R25G | 250 | 100 | ±2% | 45 | 250 | 240 | 3.000 | 1.05 |
| WWCIHCO603-R27G | 270 | 100 | ±2% | 46 | 250 | 260 | 2.250 | 1.05 |
| WWCIHCO603-R30G | 300 | 100 | ±2% | 47 | 250 | 220 | 2.800 | 0.99 |
| WWCIHCO603-R33G | 330 | 100 | ±2% | 46 | 250 | 180 | 3.600 | 0.93 |
| WWCIHCO603-R36G | 360 | 100 | ±2% | 47 | 250 | 170 | 4.600 | 0.93 |
| WWCIHCO603-R39G | 390 | 100 | ±2% | 47 | 250 | 170 | 4.770 | 0.88 |

Opera ng temperature: -40 to +125°C

Temperature rise current: the actual value of DC current when the temperature rise is T20C

Typical Electrical Characteristics:

Inductance VS. Frequency Characteristics:



Temperature Rise VS. Frequency Characteristics:

