

WIRE WOUND CHIP INDUCTORS 繞線片式電感

WCI Series(0402/0603/0805/1008/1210/1812)

FEATURES 特征

Minature size,suitable for SMT

體積小，適合高密度表面貼裝

Using terminal electrode structure to restrain the parasitic component effect quite caused by lead

採用端電極結構，很好的抑制了引線的寄生元件效應，具有高可靠性

Excellent in solderability and heat resistance

優良的焊接性和耐焊性

Best frequency special property and intense ability to resist interference.

更好的頻率特性和更強的抗干擾能力

APPLICATIONS 用途

Protoble communication equipment and PDA,High speed electronic device

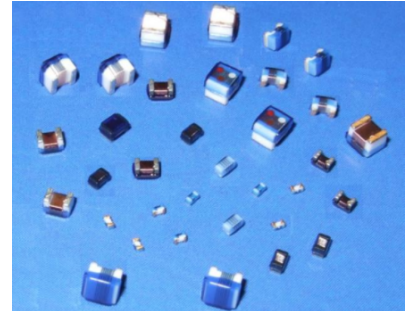
移動通信，PDA，各種高頻回路

Used for radiation high speed noise suppression

抑制各種高頻雜波

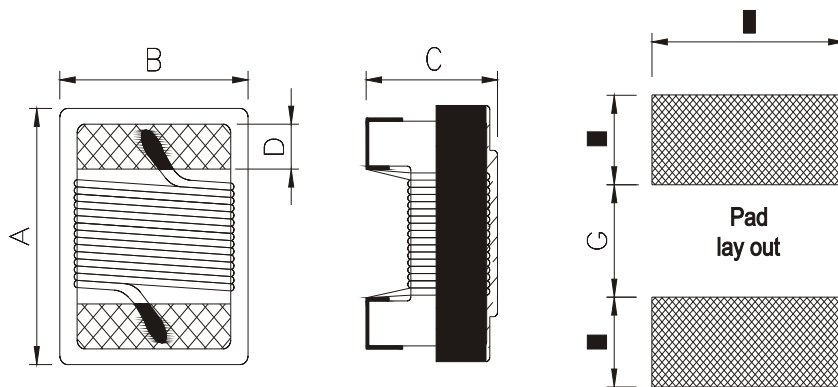
PRODUCT IDENTIFICATION 產品標識

WCI 0805 UC 1R0 J S T - HF
 (1) (2) (3) (4) (5) (6) (7) (8)



| (1) | (2) | | (3) | (4) | | (5) | (6) | (7) | (8) |
|------------------------------------|---------------|---------|-------------------|--------|-------|--------|--------|--------|---|
| 產品代號 | 規格尺寸 (A×B) mm | | 材料代號 | 感量(nH) | | 誤差 | 電極類型 | 包裝方式 | 環保標識 |
| 繞線片式電感 Wire wound chip inductor | 0402 | 1.0×0.5 | UC:陶瓷芯 IF:鐵氧體芯 | 實例： | | F:±1% | G:GOLD | T:卷帶盤裝 | LF:Lead free HF:Halogen free FP:Free red phosphor |
| | 0603 | 1.6×0.8 | | 1N0 | 1.0 | G:±2% | S:TIN | B:散裝 | |
| | 0805 | 2.0×1.2 | | 10N | 10 | J:±5% | | | |
| | 1008 | 2.5×2.0 | | R10 | 100 | K:±10% | | | |
| | 1210 | 3.2×2.5 | | 1R0 | 1000 | M:±20% | | | |
| | 1812 | 4.5×3.2 | | 100 | 10000 | | | | |

SHAPES AND DIMENSIONS Unit:mm(inch)



※Design as Customer's Requested Specifications. (可按顧客的特殊需求設計)

■ SHAPES AND DIMENSIONS Unit:mm

| Part NO. | A(Max.) | B(Max.) | C(Max.) | D | E | F | G |
|----------|---------|---------|---------|------|------|------|------|
| 0402 | 1.19 | 0.66 | 0.64 | 0.23 | 0.64 | 0.40 | 0.64 |
| 0603 | 1.80 | 1.12 | 0.95 | 0.30 | 1.02 | 0.64 | 0.64 |
| 0805 | 2.29 | 1.73 | 1.52 | 0.50 | 1.78 | 1.02 | 0.76 |
| 1008 | 2.92 | 2.70 | 2.23 | 0.50 | 2.54 | 1.02 | 1.27 |
| 1210 | 3.50 | 2.90 | 2.25 | 0.50 | 2.54 | 1.02 | 1.78 |
| 1812 | 4.80 | 3.40 | 3.15 | 0.65 | 3.05 | 1.14 | 3.00 |

■ PRODUCT SPECIFICATIONS

| SERIES | PART NUMBER | INDUCTANCE (nH) | Test Freq (MHz) | Q (min) | SRF(min) (GHz) | DCR(max) (Ω) | Irms(max) (mA) |
|--------------------|--------------------|-----------------|-----------------|---------|----------------|-----------------------|----------------|
| WCI0402UC | WCI0402UC1N0□ST-HF | 1.0 | 250 | 16 | 12.70 | 0.045 | 1360 |
| | WCI0402UC1N2□ST-HF | 1.2 | 250 | 15 | 12.90 | 0.090 | 740 |
| | WCI0402UC1N3□ST-HF | 1.3 | 250 | 15 | 12.90 | 0.090 | 740 |
| | WCI0402UC1N8□ST-HF | 1.8 | 250 | 20 | 12.00 | 0.070 | 1040 |
| | WCI0402UC1N9□ST-HF | 1.9 | 250 | 20 | 11.30 | 0.070 | 1040 |
| | WCI0402UC2N0□ST-HF | 2.0 | 250 | 23 | 11.10 | 0.070 | 1040 |
| | WCI0402UC2N2□ST-HF | 2.2 | 250 | 22 | 10.80 | 0.070 | 960 |
| | WCI0402UC2N4□ST-HF | 2.4 | 250 | 22 | 10.50 | 0.068 | 790 |
| | WCI0402UC2N7□ST-HF | 2.7 | 250 | 16 | 10.40 | 0.120 | 640 |
| | WCI0402UC3N0□ST-HF | 3.0 | 250 | 24 | 7.00 | 0.066 | 840 |
| | WCI0402UC3N3□ST-HF | 3.3 | 250 | 24 | 7.00 | 0.066 | 840 |
| | WCI0402UC3N6□ST-HF | 3.6 | 250 | 24 | 6.80 | 0.066 | 840 |
| | WCI0402UC3N9□ST-HF | 3.9 | 250 | 24 | 6.00 | 0.066 | 840 |
| | WCI0402UC4N3□ST-HF | 4.3 | 250 | 22 | 6.00 | 0.091 | 700 |
| | WCI0402UC4N7□ST-HF | 4.7 | 250 | 20 | 4.77 | 0.130 | 640 |
| | WCI0402UC5N1□ST-HF | 5.1 | 250 | 23 | 4.80 | 0.083 | 800 |
| | WCI0402UC5N6□ST-HF | 5.6 | 250 | 25 | 4.80 | 0.083 | 760 |
| | WCI0402UC6N2□ST-HF | 6.2 | 250 | 25 | 4.80 | 0.083 | 760 |
| | WCI0402UC6N8□ST-HF | 6.8 | 250 | 24 | 4.80 | 0.083 | 680 |
| | WCI0402UC7N3□ST-HF | 7.3 | 250 | 25 | 4.80 | 0.100 | 680 |
| WCI0402UC7N5□ST-HF | 7.5 | 250 | 25 | 4.80 | 0.100 | 680 | |
| WCI0402UC8N2□ST-HF | 8.2 | 250 | 25 | 4.40 | 0.100 | 680 | |
| WCI0402UC8N7□ST-HF | 8.7 | 250 | 25 | 4.10 | 0.200 | 480 | |

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■ PRODUCT SPECIFICATIONS

| SERIES | PART NUMBER | INDUCTANCE (nH) | Test Freq (MHz) | Q (min) | SRF(min) (GHz) | DCR(max) (Ω) | Irms(max) (mA) |
|--------------------|--------------------|-----------------|-----------------|---------|----------------|-----------------------|----------------|
| WCI0402UC | WCI0402UC9N0□ST-HF | 9.0 | 250 | 25 | 4.16 | 0.100 | 680 |
| | WCI0402UC9N1□ST-HF | 9.1 | 250 | 25 | 4.16 | 0.100 | 680 |
| | WCI0402UC9N5□ST-HF | 9.5 | 250 | 24 | 4.00 | 0.200 | 480 |
| | WCI0402UC10N□ST-HF | 10 | 250 | 24 | 3.90 | 0.200 | 480 |
| | WCI0402UC11N□ST-HF | 11 | 250 | 26 | 3.68 | 0.120 | 640 |
| | WCI0402UC12N□ST-HF | 12 | 250 | 26 | 3.60 | 0.120 | 640 |
| | WCI0402UC13N□ST-HF | 13 | 250 | 24 | 3.45 | 0.210 | 440 |
| | WCI0402UC15N□ST-HF | 15 | 250 | 26 | 3.28 | 0.170 | 560 |
| | WCI0402UC16N□ST-HF | 16 | 250 | 25 | 3.10 | 0.220 | 560 |
| | WCI0402UC18N□ST-HF | 18 | 250 | 25 | 3.10 | 0.230 | 420 |
| | WCI0402UC19N□ST-HF | 19 | 250 | 26 | 3.04 | 0.200 | 480 |
| | WCI0402UC20N□ST-HF | 20 | 250 | 26 | 3.00 | 0.250 | 420 |
| | WCI0402UC22N□ST-HF | 22 | 250 | 25 | 2.80 | 0.300 | 400 |
| | WCI0402UC23N□ST-HF | 23 | 250 | 25 | 2.72 | 0.300 | 400 |
| | WCI0402UC24N□ST-HF | 24 | 250 | 25 | 2.70 | 0.300 | 400 |
| | WCI0402UC27N□ST-HF | 27 | 250 | 25 | 2.48 | 0.300 | 400 |
| | WCI0402UC30N□ST-HF | 30 | 250 | 25 | 2.35 | 0.350 | 400 |
| | WCI0402UC33N□ST-HF | 33 | 250 | 24 | 2.35 | 0.400 | 400 |
| | WCI0402UC36N□ST-HF | 36 | 250 | 25 | 2.32 | 0.440 | 320 |
| | WCI0402UC39N□ST-HF | 39 | 250 | 25 | 2.10 | 0.550 | 200 |
| | WCI0402UC40N□ST-HF | 40 | 250 | 24 | 2.24 | 0.650 | 320 |
| | WCI0402UC43N□ST-HF | 43 | 250 | 25 | 2.03 | 0.810 | 100 |
| | WCI0402UC47N□ST-HF | 47 | 250 | 25 | 2.10 | 0.830 | 150 |
| | WCI0402UC51N□ST-HF | 51 | 250 | 25 | 1.75 | 0.820 | 100 |
| | WCI0402UC56N□ST-HF | 56 | 250 | 25 | 1.76 | 0.970 | 100 |
| | WCI0402UC62N□ST-HF | 62 | 250 | 25 | 1.62 | 1.120 | 100 |
| | WCI0402UC68N□ST-HF | 68 | 250 | 25 | 1.62 | 1.120 | 100 |
| | WCI0402UC72N□ST-HF | 72 | 250 | 25 | 1.26 | 1.550 | 50 |
| | WCI0402UC75N□ST-HF | 75 | 250 | 25 | 1.26 | 1.550 | 50 |
| | WCI0402UC82N□ST-HF | 82 | 250 | 25 | 1.26 | 1.550 | 50 |
| WCI0402UC91N□ST-HF | 91 | 250 | 24 | 1.16 | 2.000 | 30 | |
| WCI0402UCR10□ST-HF | 100 | 250 | 24 | 1.16 | 2.000 | 30 | |
| WCI0402UCR12□ST-HF | 120 | 250 | 24 | 1.10 | 2.660 | 50 | |

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|--------------------|--------------------|--------------------|--------------------|------------|-------------------|-----------------|-------------------|
| WCI0603UC | WCI0603UC1N5□ST-HF | 1.5 | 250 | 24 | 12500 | 0.030 | 700 |
| | WCI0603UC1N6□ST-HF | 1.6 | 250 | 24 | 12500 | 0.030 | 700 |
| | WCI0603UC1N8□ST-HF | 1.8 | 250 | 16 | 12500 | 0.045 | 700 |
| | WCI0603UC2N0□ST-HF | 2.0 | 250 | 12 | 12500 | 0.250 | 100 |
| | WCI0603UC2N2□ST-HF | 2.2 | 100 | 12 | 12500 | 0.250 | 100 |
| | WCI0603UC2N7□ST-HF | 2.7 | 250 | 22 | 5900 | 0.045 | 700 |
| | WCI0603UC3N3□ST-HF | 3.3 | 250 | 22 | 5900 | 0.045 | 700 |
| | WCI0603UC3N6□ST-HF | 3.6 | 250 | 22 | 5900 | 0.063 | 700 |
| | WCI0603UC3N9□ST-HF | 3.9 | 250 | 22 | 6900 | 0.080 | 700 |
| | WCI0603UC4N3□ST-HF | 4.3 | 250 | 22 | 5900 | 0.063 | 700 |
| | WCI0603UC4N7□ST-HF | 4.7 | 250 | 20 | 5800 | 0.116 | 700 |
| | WCI0603UC5N1□ST-HF | 5.1 | 250 | 20 | 5700 | 0.140 | 700 |
| | WCI0603UC5N6□ST-HF | 5.6 | 250 | 26 | 4760 | 0.075 | 700 |
| | WCI0603UC6N2□ST-HF | 6.2 | 250 | 20 | 5700 | 0.140 | 700 |
| | WCI0603UC6N3□ST-HF | 6.3 | 250 | 20 | 5700 | 0.140 | 700 |
| | WCI0603UC6N8□ST-HF | 6.8 | 250 | 27 | 5800 | 0.110 | 700 |
| | WCI0603UC7N5□ST-HF | 7.5 | 250 | 28 | 4800 | 0.106 | 700 |
| | WCI0603UC8N0□ST-HF | 8.0 | 250 | 28 | 4700 | 0.109 | 700 |
| | WCI0603UC8N2□ST-HF | 8.2 | 250 | 30 | 4200 | 0.115 | 700 |
| | WCI0603UC8N7□ST-HF | 8.7 | 250 | 28 | 4600 | 0.109 | 700 |
| | WCI0603UC9N1□ST-HF | 9.1 | 250 | 28 | 5400 | 0.125 | 700 |
| | WCI0603UC9N5□ST-HF | 9.5 | 250 | 28 | 5400 | 0.125 | 700 |
| | WCI0603UC10N□ST-HF | 10.0 | 250 | 31 | 4800 | 0.130 | 700 |
| | WCI0603UC11N□ST-HF | 11.0 | 250 | 30 | 4000 | 0.130 | 700 |
| | WCI0603UC12N□ST-HF | 12.0 | 250 | 35 | 4000 | 0.130 | 700 |
| | WCI0603UC13N□ST-HF | 13.0 | 250 | 35 | 4000 | 0.130 | 700 |
| | WCI0603UC15N□ST-HF | 15.0 | 250 | 35 | 4000 | 0.170 | 700 |
| | WCI0603UC16N□ST-HF | 16.0 | 250 | 34 | 3300 | 0.170 | 700 |
| | WCI0603UC18N□ST-HF | 18.0 | 250 | 35 | 3100 | 0.170 | 700 |
| | WCI0603UC20N□ST-HF | 20.0 | 250 | 36 | 3000 | 0.180 | 700 |
| WCI0603UC22N□ST-HF | 22.0 | 250 | 38 | 3000 | 0.190 | 700 | |
| WCI0603UC23N□ST-HF | 23.0 | 250 | 38 | 3000 | 0.190 | 700 | |
| WCI0603UC24N□ST-HF | 24.0 | 250 | 36 | 2650 | 0.135 | 700 | |
| WCI0603UC27N□ST-HF | 27.0 | 250 | 40 | 2800 | 0.220 | 600 | |
| WCI0603UC30N□ST-HF | 30.0 | 250 | 37 | 2250 | 0.220 | 600 | |

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|--------------------|---------------------|-----------------|-----------------|---------|----------------|-----------------------|----------------|
| WCI0603UC | WCI0603UC33N□ST-HF | 33 | 250 | 40 | 2300 | 0.220 | 600 |
| | WCI0603UC36N□ST-HF | 36 | 250 | 37 | 2080 | 0.250 | 600 |
| | WCI0603UC39N□ST-HF | 39 | 250 | 40 | 2200 | 0.250 | 600 |
| | WCI0603UC43N□ST-HF | 43 | 250 | 38 | 2000 | 0.280 | 600 |
| | WCI0603UC47N□ST-HF | 47 | 200 | 38 | 2000 | 0.280 | 600 |
| | WCI0603UC51N□ST-HF | 51 | 200 | 35 | 1900 | 0.270 | 600 |
| | WCI0603UC56N□ST-HF | 56 | 200 | 38 | 1900 | 0.310 | 600 |
| | WCI0603UC60N□ST-HF | 60 | 200 | 37 | 1800 | 0.330 | 600 |
| | WCI0603UC62N□ST-HF | 62 | 200 | 37 | 1800 | 0.330 | 600 |
| | WCI0603UC68N□ST-HF | 68 | 200 | 37 | 1700 | 0.340 | 600 |
| | WCI0603UC72N□ST-HF | 72 | 150 | 34 | 1700 | 0.490 | 400 |
| | WCI0603UC75N□ST-HF | 75 | 150 | 28 | 1700 | 0.520 | 400 |
| | WCI0603UC82N□ST-HF | 82 | 150 | 34 | 1700 | 0.540 | 400 |
| | WCI0603UC85N□ST-HF | 85 | 150 | 34 | 1700 | 0.580 | 400 |
| | WCI0603UC91N□ST-HF | 91 | 150 | 28 | 1600 | 0.580 | 400 |
| | WCI0603UCR10□ST-HF | 100 | 150 | 34 | 1400 | 0.580 | 400 |
| | WCI0603UCR11□ST-HF | 110 | 150 | 32 | 1350 | 0.610 | 300 |
| | WCI0603UCR12□ST-HF | 120 | 150 | 32 | 1300 | 0.650 | 300 |
| | WCI0603UCR13□ST-HF | 130 | 150 | 32 | 1150 | 0.920 | 290 |
| | WCI0603UCR135□ST-HF | 135 | 150 | 32 | 990 | 0.920 | 290 |
| | WCI0603UCR15□ST-HF | 150 | 150 | 28 | 990 | 0.920 | 280 |
| | WCI0603UCR16□ST-HF | 160 | 150 | 28 | 990 | 1.250 | 280 |
| | WCI0603UCR18□ST-HF | 180 | 100 | 25 | 990 | 1.250 | 240 |
| | WCI0603UCR20□ST-HF | 200 | 100 | 25 | 900 | 1.980 | 200 |
| | WCI0603UCR215□ST-HF | 215 | 100 | 25 | 900 | 2.100 | 200 |
| | WCI0603UCR22□ST-HF | 220 | 100 | 25 | 900 | 2.100 | 200 |
| | WCI0603UCR24□ST-HF | 240 | 100 | 25 | 900 | 2.200 | 200 |
| | WCI0603UCR25□ST-HF | 250 | 100 | 25 | 882 | 2.550 | 120 |
| | WCI0603UCR27□ST-HF | 270 | 100 | 26 | 830 | 2.160 | 170 |
| | WCI0603UCR29□ST-HF | 290 | 100 | 25 | 800 | 3.200 | 100 |
| WCI0603UCR30□ST-HF | 300 | 100 | 25 | 790 | 2.500 | 100 | |
| WCI0603UCR33□ST-HF | 330 | 100 | 25 | 790 | 3.890 | 100 | |
| WCI0603UCR39□ST-HF | 390 | 100 | 25 | 780 | 4.350 | 100 | |
| WCI0603UCR47□ST-HF | 470 | 100 | 25 | 700 | 4.500 | 100 | |
| WCI0603UCR56□ST-HF | 560 | 100 | 23 | 460 | 5.000 | 90 | |

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|--------------------|--------------------|-----------------|-----------------|-----------|----------------|-----------------------|-----------------------------|
| WCI0805UC | WCI0805UC2N2□ST-HF | 2.2 | 250 | 50@1GHz | 7900 | 0.06 | 800 |
| | WCI0805UC2N7□ST-HF | 2.7 | 250 | 50@1GHz | 7900 | 0.06 | 800 |
| | WCI0805UC2N8□ST-HF | 2.8 | 250 | 50@1GHz | 7900 | 0.06 | 800 |
| | WCI0805UC2N9□ST-HF | 2.9 | 250 | 50@1GHz | 7900 | 0.06 | 800 |
| | WCI0805UC3N0□ST-HF | 3.0 | 250 | 50@1GHz | 7900 | 0.06 | 800 |
| | WCI0805UC3N3□ST-HF | 3.3 | 250 | 40@1.5GHz | 7900 | 0.08 | 600 |
| | WCI0805UC3N6□ST-HF | 3.6 | 250 | 20@1GHz | 7900 | 0.10 | 200 |
| | WCI0805UC3N9□ST-HF | 3.9 | 250 | 20@1GHz | 7900 | 0.11 | 150 |
| | WCI0805UC4N7□ST-HF | 4.7 | 250 | 50@1GHz | 6200 | 0.08 | 600 |
| | WCI0805UC5N1□ST-HF | 5.1 | 250 | 50@1GHz | 6200 | 0.08 | 600 |
| | WCI0805UC5N6□ST-HF | 5.6 | 250 | 65@1GHz | 5900 | 0.08 | 600 |
| | WCI0805UC6N2□ST-HF | 6.2 | 250 | 65@1GHz | 5900 | 0.08 | 600 |
| | WCI0805UC6N8□ST-HF | 6.8 | 250 | 50@1GHz | 5600 | 0.11 | 600 |
| | WCI0805UC7N5□ST-HF | 7.5 | 250 | 50@1GHz | 4800 | 0.14 | 600 |
| | WCI0805UC8N2□ST-HF | 8.2 | 250 | 50@1GHz | 4400 | 0.12 | 600 |
| | WCI0805UC9N1□ST-HF | 9.1 | 250 | 60@500MHz | 4300 | 0.10 | 600 |
| | WCI0805UC10N□ST-HF | 10.0 | 250 | 60@500MHz | 4300 | 0.10 | 600 |
| | WCI0805UC12N□ST-HF | 12.0 | 250 | 50@500MHz | 4000 | 0.15 | 600 |
| | WCI0805UC15N□ST-HF | 15.0 | 250 | 50@500MHz | 3200 | 0.17 | 600 |
| | WCI0805UC16N□ST-HF | 16.0 | 250 | 50@500MHz | 3200 | 0.17 | 600 |
| | WCI0805UC18N□ST-HF | 18.0 | 250 | 50@500MHz | 3100 | 0.20 | 600 |
| | WCI0805UC20N□ST-HF | 20.0 | 250 | 55@500MHz | 2600 | 0.22 | 500 |
| | WCI0805UC22N□ST-HF | 22.0 | 250 | 55@500MHz | 2600 | 0.22 | 500 |
| | WCI0805UC23N□ST-HF | 23.0 | 250 | 50@500MHz | 2400 | 0.22 | 500 |
| | WCI0805UC24N□ST-HF | 24.0 | 250 | 50@500MHz | 2400 | 0.22 | 500 |
| | WCI0805UC25N□ST-HF | 25.0 | 250 | 50@500MHz | 2450 | 0.22 | 500 |
| | WCI0805UC27N□ST-HF | 27.0 | 250 | 55@500MHz | 2580 | 0.25 | 500 |
| | WCI0805UC30N□ST-HF | 30.0 | 250 | 55@500MHz | 2400 | 0.25 | 500 |
| | WCI0805UC33N□ST-HF | 33.0 | 250 | 60@500MHz | 2150 | 0.27 | 500 |
| | WCI0805UC36N□ST-HF | 36.0 | 250 | 55@500MHz | 1900 | 0.27 | 500 |
| | WCI0805UC39N□ST-HF | 39.0 | 250 | 60@500MHz | 1850 | 0.29 | 500 |
| | WCI0805UC43N□ST-HF | 43.0 | 200 | 60@500MHz | 1800 | 0.34 | 500 |
| | WCI0805UC47N□ST-HF | 47.0 | 200 | 60@500MHz | 1700 | 0.31 | 500 |
| | WCI0805UC50N□ST-HF | 50.0 | 200 | 60@500MHz | 1650 | 0.34 | 500 |
| WCI0805UC56N□ST-HF | 56.0 | 200 | 60@500MHz | 1600 | 0.34 | 500 | |
| WCI0805UC62N□ST-HF | 62.0 | 200 | 60@500MHz | 1450 | 0.36 | 500 | |
| WCI0805UC64N□ST-HF | 64.0 | 200 | 60@500MHz | 1500 | 0.38 | 500 | |
| WCI0805UC66N□ST-HF | 66.0 | 200 | 60@500MHz | 1500 | 0.38 | 500 | |
| WCI0805UC68N□ST-HF | 68.0 | 200 | 60@500MHz | 1500 | 0.38 | 500 | |
| WCI0805UC75N□ST-HF | 75.0 | 150 | 60@500MHz | 1400 | 0.40 | 450 | |
| WCI0805UC78N□ST-HF | 78.0 | 150 | 60@500MHz | 1400 | 0.40 | 450 | |
| WCI0805UC82N□ST-HF | 82.0 | 150 | 65@500MHz | 1330 | 0.42 | 400 | |

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|--------------------|---------------------|-----------------|-----------------|-----------|----------------|--------------|----------------|
| WCI0805UC | WCI0805UC91N□ST-HF | 91 | 150 | 65@500MHz | 1330 | 0.48 | 400 |
| | WCI0805UC92N□ST-HF | 92 | 150 | 65@500MHz | 1330 | 0.48 | 400 |
| | WCI0805UCR10□ST-HF | 100 | 150 | 65@500MHz | 1250 | 0.46 | 400 |
| | WCI0805UCR11□ST-HF | 110 | 150 | 50@250MHz | 1100 | 0.48 | 400 |
| | WCI0805UCR12□ST-HF | 120 | 150 | 50@250MHz | 1100 | 0.51 | 400 |
| | WCI0805UCR14□ST-HF | 140 | 100 | 50@250MHz | 920 | 0.56 | 400 |
| | WCI0805UCR15□ST-HF | 150 | 100 | 50@250MHz | 920 | 0.56 | 400 |
| | WCI0805UCR16□ST-HF | 160 | 100 | 50@250MHz | 920 | 0.60 | 400 |
| | WCI0805UCR18□ST-HF | 180 | 100 | 50@250MHz | 920 | 0.64 | 400 |
| | WCI0805UCR20□ST-HF | 200 | 100 | 50@250MHz | 860 | 0.68 | 400 |
| | WCI0805UCR215□ST-HF | 215 | 100 | 50@250MHz | 820 | 0.70 | 400 |
| | WCI0805UCR22□ST-HF | 220 | 100 | 50@250MHz | 820 | 0.70 | 400 |
| | WCI0805UCR24□ST-HF | 240 | 100 | 44@250MHz | 770 | 1.00 | 350 |
| | WCI0805UCR25□ST-HF | 250 | 100 | 45@250MHz | 750 | 1.20 | 350 |
| | WCI0805UCR27□ST-HF | 270 | 100 | 48@250MHz | 730 | 1.00 | 350 |
| | WCI0805UCR28□ST-HF | 280 | 100 | 48@250MHz | 550 | 1.35 | 350 |
| | WCI0805UCR29□ST-HF | 290 | 150 | 48@250MHz | 450 | 1.40 | 310 |
| | WCI0805UCR30□ST-HF | 300 | 150 | 48@250MHz | 450 | 1.40 | 310 |
| | WCI0805UCR33□ST-HF | 330 | 100 | 48@250MHz | 650 | 1.40 | 310 |
| | WCI0805UCR36□ST-HF | 360 | 100 | 48@250MHz | 630 | 1.45 | 300 |
| | WCI0805UCR39□ST-HF | 390 | 100 | 48@250MHz | 600 | 1.50 | 290 |
| | WCI0805UCR42□ST-HF | 420 | 50 | 33@100MHz | 425 | 1.70 | 250 |
| | WCI0805UCR43□ST-HF | 430 | 50 | 33@100MHz | 425 | 1.70 | 250 |
| | WCI0805UCR47□ST-HF | 470 | 50 | 33@100MHz | 375 | 1.76 | 250 |
| | WCI0805UCR56□ST-HF | 560 | 25 | 23@50MHz | 330 | 1.90 | 230 |
| | WCI0805UCR62□ST-HF | 620 | 25 | 23@50MHz | 320 | 2.20 | 210 |
| | WCI0805UCR68□ST-HF | 680 | 25 | 23@50MHz | 310 | 2.20 | 190 |
| | WCI0805UCR75□ST-HF | 750 | 25 | 23@50MHz | 310 | 2.30 | 180 |
| | WCI0805UCR82□ST-HF | 820 | 25 | 23@50MHz | 310 | 2.35 | 180 |
| | WCI0805UCR88□ST-HF | 880 | 25 | 23@50MHz | 310 | 2.35 | 180 |
| | WCI0805UCR91□ST-HF | 910 | 25 | 22@50MHz | 250 | 2.45 | 170 |
| | WCI0805UC1R0□ST-HF | 1000 | 25 | 20@50MHz | 220 | 2.50 | 170 |
| | WCI0805UC1R2□ST-HF | 1200 | 25 | 20@25MHz | 180 | 2.90 | 150 |
| | WCI0805UC1R5□ST-HF | 1500 | 25 | 20@25MHz | 160 | 3.30 | 150 |
| | WCI0805UC1R6□ST-HF | 1600 | 25 | 20@25MHz | 140 | 3.40 | 150 |
| | WCI0805UC1R8□ST-HF | 1800 | 25 | 20@25MHz | 130 | 3.50 | 120 |
| WCI0805UC2R2□ST-HF | 2200 | 25 | 20@25MHz | 100 | 4.50 | 120 | |
| WCI0805UC2R7□ST-HF | 2700 | 25 | 18@25MHz | 80 | 4.80 | 100 | |
| WCI0805UC3R0□ST-HF | 3000 | 25 | 18@25MHz | 60 | 5.00 | 60 | |
| WCI0805UC3R3□ST-HF | 3300 | 25 | 18@25MHz | 50 | 6.80 | 50 | |
| WCI0805UC4R7□ST-HF | 4700 | 25 | 18@25MHz | 40 | 7.00 | 30 | |

※Design as Customer's Requested Specifications. (可按照顧客的特殊需求設計)

■ PRODUCT SPECIFICATIONS

| SERIES | PART NUMBER | INDUCTANCE (nH) | Test Freq (MHz) | Q (min) | SRF(min) (MHz) | DCR(max) (Ω) | Irms(max) (mA) |
|---------------------|--------------------|-----------------|-----------------|-----------|----------------|--------------|----------------|
| WCI1008UC | WCI1008UC3N9□ST-HF | 3.9 | 50 | 50@500MHz | 4100 | 0.08 | 1000 |
| | WCI1008UC4N7□ST-HF | 4.7 | 50 | 50@500MHz | 4100 | 0.08 | 1000 |
| | WCI1008UC5N6□ST-HF | 5.6 | 50 | 30@500MHz | 4100 | 0.20 | 650 |
| | WCI1008UC6N2□ST-HF | 6.2 | 50 | 20@500MHz | 4100 | 0.20 | 400 |
| | WCI1008UC10N□ST-HF | 10 | 50 | 50@500MHz | 4100 | 0.08 | 1000 |
| | WCI1008UC12N□ST-HF | 12 | 50 | 50@500MHz | 3300 | 0.09 | 1000 |
| | WCI1008UC15N□ST-HF | 15 | 50 | 50@500MHz | 2500 | 0.10 | 1000 |
| | WCI1008UC18N□ST-HF | 18 | 50 | 50@350MHz | 2500 | 0.11 | 1000 |
| | WCI1008UC22N□ST-HF | 22 | 50 | 55@350MHz | 2400 | 0.12 | 1000 |
| | WCI1008UC24N□ST-HF | 24 | 50 | 55@350MHz | 1600 | 0.13 | 1000 |
| | WCI1008UC27N□ST-HF | 27 | 50 | 55@350MHz | 1600 | 0.13 | 1000 |
| | WCI1008UC33N□ST-HF | 33 | 50 | 60@350MHz | 1600 | 0.14 | 1000 |
| | WCI1008UC36N□ST-HF | 36 | 50 | 60@350MHz | 1500 | 0.15 | 1000 |
| | WCI1008UC39N□ST-HF | 39 | 50 | 60@350MHz | 1500 | 0.15 | 1000 |
| | WCI1008UC47N□ST-HF | 47 | 50 | 65@350MHz | 1500 | 0.16 | 1000 |
| | WCI1008UC51N□ST-HF | 51 | 50 | 65@350MHz | 1300 | 0.18 | 1000 |
| | WCI1008UC54N□ST-HF | 54 | 50 | 65@350MHz | 1300 | 0.18 | 1000 |
| | WCI1008UC56N□ST-HF | 56 | 50 | 65@350MHz | 1300 | 0.18 | 1000 |
| | WCI1008UC65N□ST-HF | 65 | 50 | 65@350MHz | 1300 | 0.20 | 1000 |
| | WCI1008UC68N□ST-HF | 68 | 50 | 65@350MHz | 1300 | 0.20 | 1000 |
| | WCI1008UC75N□ST-HF | 75 | 50 | 60@350MHz | 1000 | 0.22 | 1000 |
| | WCI1008UC82N□ST-HF | 82 | 50 | 60@350MHz | 1000 | 0.22 | 1000 |
| | WCI1008UCR10□ST-HF | 100 | 25 | 60@350MHz | 1000 | 0.56 | 650 |
| | WCI1008UCR11□ST-HF | 110 | 25 | 60@350MHz | 950 | 0.63 | 650 |
| | WCI1008UCR12□ST-HF | 120 | 25 | 60@350MHz | 950 | 0.63 | 650 |
| | WCI1008UCR15□ST-HF | 150 | 25 | 45@100MHz | 850 | 0.70 | 580 |
| | WCI1008UCR18□ST-HF | 180 | 25 | 45@100MHz | 750 | 0.77 | 620 |
| WCI1008UCR185□ST-HF | 185 | 25 | 45@100MHz | 750 | 0.77 | 620 | |
| WCI1008UCR20□ST-HF | 200 | 25 | 45@100MHz | 700 | 0.84 | 500 | |
| WCI1008UCR21□ST-HF | 210 | 25 | 45@100MHz | 700 | 0.84 | 500 | |
| WCI1008UCR215□ST-HF | 215 | 25 | 45@100MHz | 700 | 0.84 | 500 | |
| WCI1008UCR22□ST-HF | 220 | 25 | 45@100MHz | 700 | 0.84 | 500 | |
| WCI1008UCR235□ST-HF | 235 | 25 | 45@100MHz | 700 | 0.84 | 500 | |
| WCI1008UCR24□ST-HF | 240 | 25 | 45@100MHz | 700 | 0.84 | 500 | |
| WCI1008UCR26□ST-HF | 260 | 25 | 45@100MHz | 600 | 0.91 | 500 | |
| WCI1008UCR27□ST-HF | 270 | 25 | 45@100MHz | 600 | 0.91 | 500 | |

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■ PRODUCT SPECIFICATIONS

| SERIES | PART NUMBER | INDUCTANCE (nH) | Test Freq (MHz) | Q (min) | SRF(min) (MHz) | DCR(max) (Ω) | Irms(max) (mA) |
|--------------------|--------------------|-----------------|-----------------|-----------|----------------|--------------|----------------|
| WCI1008UC | WCI1008UCR29□ST-HF | 290 | 25 | 45@100MHz | 570 | 1.05 | 450 |
| | WCI1008UCR30□ST-HF | 300 | 25 | 45@100MHz | 570 | 1.05 | 450 |
| | WCI1008UCR33□ST-HF | 330 | 25 | 45@100MHz | 570 | 1.05 | 450 |
| | WCI1008UCR35□ST-HF | 350 | 25 | 45@100MHz | 500 | 1.12 | 470 |
| | WCI1008UCR36□ST-HF | 360 | 25 | 45@100MHz | 500 | 1.12 | 470 |
| | WCI1008UCR39□ST-HF | 390 | 25 | 45@100MHz | 500 | 1.12 | 470 |
| | WCI1008UCR43□ST-HF | 430 | 25 | 45@100MHz | 450 | 1.19 | 470 |
| | WCI1008UCR47□ST-HF | 470 | 25 | 45@100MHz | 450 | 1.19 | 470 |
| | WCI1008UCR51□ST-HF | 510 | 25 | 45@100MHz | 415 | 1.33 | 400 |
| | WCI1008UCR54□ST-HF | 540 | 25 | 45@100MHz | 415 | 1.33 | 400 |
| | WCI1008UCR56□ST-HF | 560 | 25 | 45@100MHz | 415 | 1.33 | 400 |
| | WCI1008UCR62□ST-HF | 620 | 25 | 45@100MHz | 375 | 1.40 | 300 |
| | WCI1008UCR64□ST-HF | 640 | 25 | 45@100MHz | 375 | 1.40 | 300 |
| | WCI1008UCR66□ST-HF | 660 | 25 | 45@100MHz | 375 | 1.47 | 400 |
| | WCI1008UCR68□ST-HF | 680 | 25 | 45@100MHz | 375 | 1.47 | 400 |
| | WCI1008UCR75□ST-HF | 750 | 25 | 45@100MHz | 360 | 1.54 | 360 |
| | WCI1008UCR82□ST-HF | 820 | 25 | 45@100MHz | 350 | 1.61 | 400 |
| | WCI1008UCR88□ST-HF | 880 | 25 | 35@50MHz | 320 | 1.68 | 380 |
| | WCI1008UCR91□ST-HF | 910 | 25 | 35@50MHz | 320 | 1.68 | 380 |
| | WCI1008UC1R0□ST-HF | 1000 | 25 | 35@50MHz | 290 | 1.75 | 370 |
| | WCI1008UC1R2□ST-HF | 1200 | 7.9 | 35@50MHz | 250 | 2.00 | 310 |
| | WCI1008UC1R5□ST-HF | 1500 | 7.9 | 28@50MHZ | 200 | 2.30 | 330 |
| | WCI1008UC1R6□ST-HF | 1600 | 7.9 | 28@50MHZ | 200 | 2.30 | 330 |
| | WCI1008UC1R8□ST-HF | 1800 | 7.9 | 28@50MHZ | 160 | 2.60 | 300 |
| | WCI1008UC2R0□ST-HF | 2000 | 7.9 | 28@50MHZ | 160 | 2.80 | 280 |
| | WCI1008UC2R2□ST-HF | 2200 | 7.9 | 28@50MHZ | 160 | 2.80 | 280 |
| | WCI1008UC2R7□ST-HF | 2700 | 7.9 | 22@25MHz | 140 | 3.20 | 290 |
| | WCI1008UC3R3□ST-HF | 3300 | 7.9 | 22@25MHz | 110 | 3.40 | 290 |
| | WCI1008UC3R9□ST-HF | 3900 | 7.9 | 20@25MHz | 100 | 3.60 | 260 |
| | WCI1008UC4R7□ST-HF | 4700 | 7.9 | 20@7.9MHz | 60 | 4.00 | 260 |
| | WCI1008UC5R6□ST-HF | 5600 | 7.9 | 16@7.9MHz | 20 | 5.70 | 240 |
| | WCI1008UC6R8□ST-HF | 6800 | 7.9 | 18@7.9MHz | 40 | 7.70 | 200 |
| WCI1008UC8R2□ST-HF | 8200 | 7.9 | 18@7.9MHz | 25 | 10.70 | 170 | |
| WCI1008UC100□ST-HF | 10000 | 7.9 | 18@7.9MHz | 25 | 12.70 | 100 | |

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■ PRODUCT SPECIFICATIONS

| SERIES | PART NUMBER | INDUCTANCE (nH) | Test Freq (MHz) | Q (min) | SRF(min) (MHz) | DCR(max) (Ω) | Irms(max) (mA) |
|--------------------|--------------------|-----------------|-----------------|-----------|----------------|-----------------------|----------------|
| WCI1210UC | WCI1210UC12N□ST-HF | 12 | 100 | 40@300MHz | 3200 | 0.08 | 1000 |
| | WCI1210UC15N□ST-HF | 15 | 100 | 40@300MHz | 3200 | 0.20 | 1000 |
| | WCI1210UC33N□ST-HF | 33 | 100 | 55@300MHz | 1800 | 0.11 | 1000 |
| | WCI1210UC56N□ST-HF | 56 | 100 | 55@300MHz | 1450 | 0.14 | 1000 |
| | WCI1210UCR10□ST-HF | 100 | 100 | 55@300MHz | 900 | 0.20 | 850 |
| | WCI1210UCR12□ST-HF | 120 | 100 | 60@300MHz | 800 | 0.25 | 800 |
| | WCI1210UCR15□ST-HF | 150 | 100 | 60@300MHz | 700 | 0.30 | 750 |
| | WCI1210UCR18□ST-HF | 180 | 50 | 60@300MHz | 650 | 0.30 | 700 |
| | WCI1210UCR22□ST-HF | 220 | 50 | 60@300MHz | 650 | 0.40 | 770 |
| | WCI1210UCR24□ST-HF | 240 | 50 | 40@300MHz | 580 | 0.40 | 630 |
| | WCI1210UCR27□ST-HF | 270 | 50 | 40@300MHz | 580 | 0.40 | 630 |
| | WCI1210UCR33□ST-HF | 330 | 50 | 45@150MHz | 580 | 0.58 | 590 |
| | WCI1210UCR36□ST-HF | 360 | 50 | 45@150MHz | 510 | 0.58 | 530 |
| | WCI1210UCR39□ST-HF | 390 | 50 | 45@150MHz | 510 | 0.58 | 530 |
| | WCI1210UCR47□ST-HF | 470 | 50 | 45@150MHz | 480 | 1.00 | 490 |
| | WCI1210UCR68□ST-HF | 680 | 25 | 45@150MHz | 400 | 1.20 | 430 |
| | WCI1210UC1R0□ST-HF | 1000 | 25 | 45@150MHz | 340 | 1.85 | 320 |
| | WCI1210UC1R5□ST-HF | 1500 | 7.9 | 20@50MHz | 160 | 2.70 | 310 |
| | WCI1210UC1R8□ST-HF | 1800 | 7.9 | 30@50MHz | 160 | 3.50 | 310 |
| | WCI1210UC2R2□ST-HF | 2200 | 7.9 | 25@50MHz | 130 | 2.41 | 310 |
| | WCI1210UC2R7□ST-HF | 2700 | 7.9 | 25@50MHz | 110 | 3.50 | 300 |
| | WCI1210UC3R3□ST-HF | 3300 | 7.9 | 20@25MHz | 60 | 4.00 | 290 |
| | WCI1210UC4R7□ST-HF | 4700 | 7.9 | 20@25MHz | 60 | 5.00 | 280 |
| | WCI1210UC5R6□ST-HF | 5600 | 7.9 | 15@25MHz | 50 | 6.00 | 250 |
| | WCI1210UC6R8□ST-HF | 6800 | 7.9 | 15@7.9MHz | 40 | 9.00 | 230 |
| | WCI1210UC7R5□ST-HF | 7500 | 7.9 | 20@7.9MHz | 50 | 9.50 | 170 |
| WCI1210UC8R2□ST-HF | 8200 | 7.9 | 20@7.9MHz | 50 | 9.50 | 170 | |
| WCI1210UC100□ST-HF | 10000 | 7.9 | 15@7.9MHz | 30 | 10.00 | 150 | |

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