

疊層片式高頻電感 CHIP HIGH FREQUENCY INDUCTORS

■ 疊層片式高頻電感 CHIP HIGH FREQUENCY INDUCTORS



| | | |
|-----------------|--------------|--------------|
| OPERATING TEMP. | 0603 1005 | : -55~+125°C |
| | 1608 2012 | : -40~+85°C |

● 特征 FEATURES

- 高自諧振頻率。
- 疊層獨石結構，具有高可靠性。
- 優良的焊接性和耐焊性，適合于回流焊和波峰焊。
- High self-resonant frequency.
- Multilayer monolithic construction yields high reliability
- Excellent solderability and heat resistance for either wave or reflow soldering.

● 應用 APPLICATIONS

- 移動電話、尋呼機、PHS和PDA
- 各種高頻回路
- 抑制各種高頻雜波
- Portable telephone、Pagers、PHS and PDA
- Miscellaneous high-frequency circuits
- EMI countermeasure in high frequency circuits

● 產品規格型號的表示方法 ORDERING CODE

| | | | | | |
|-----|--------|---|-----|---|---|
| VHF | 201209 | H | 47N | J | T |
| ① | ② | ③ | ④ | ⑤ | ⑥ |

| ① 產品代號 Product Code | | ② 規格尺寸(L×W×T)(mm) Dimensions | | ③ 材料代號 Material Code | ④ 感量(nH) Inductance | | ⑤ 誤差 Tolerance | | ⑥ 包裝方式 Packaging Style | |
|------------------------|---|---------------------------------|-------------|-------------------------|------------------------|-----|-------------------|--------|---------------------------|-------------------|
| VHF | 疊層片式 高頻電感 Very High Frequency Inductors | 060303 | 0.6×0.3×0.3 | H | 1N0 | 1.0 | S | ±0.3nH | T | 卷帶盤裝 Tape&Reel |
| | | 100505 | 1.0×0.5×0.5 | HQ | 10N | 10 | D | ±0.5nH | | |
| | | 160808 | 1.6×0.8×0.8 | | J | ±5% | K | ±10% | B | 散裝 Bulk |
| | | 201209 | 2.0×1.2×0.9 | | R10 | 100 | M | ±20% | | |
| | | | | | N=0.0(nH) R=0.0(μH) | | | | | |

● 外形尺寸 SHAPE AND DIMENSIONS

unit: mm(inch)



| Part No. | L | W | T | D |
|------------------|---------------------------|---------------------------|---------------------------|----------------------------|
| 060303 (0201) | 0.6±0.03 (0.024±0.001) | 0.3±0.03 (0.012±0.001) | 0.3±0.03 (0.012±0.001) | 0.15±0.05 (0.006±0.002) |
| 100505 (0402) | 1.0±0.15 (0.040±0.006) | 0.5±0.15 (0.020±0.006) | 0.5±0.15 (0.020±0.006) | 0.25±0.10 (0.010±0.004) |
| 160808 (0603) | 1.6±0.2 (0.063±0.008) | 0.8±0.2 (0.031±0.008) | 0.8±0.2 (0.031±0.008) | 0.3±0.2 (0.01±0.008) |
| 201209 (0805) | 2.0±0.2 (0.079±0.008) | 1.2±0.2 (0.047±0.008) | 0.9±0.2 (0.035±0.008) | 0.5±0.3 (0.020±0.012) |

• 電性能參數 ELECTRICAL CHARACTERISTICS

0603 TYPE

| 型號 Part No. | 電感量 Inductance (nH) | 品質因數 Q (Min) | 測試頻率 Test Fre. (MHz) | 品質因數 測試頻率 Q Frequency (MHz) | | | | | 自諧振頻率 SRF (MHz)Min | 直流電阻 DC R (Ω)Max | 額定電流 Ir(mA) Max |
|------------------|---------------------------|--------------------|----------------------------|--------------------------------|-----|------|------|------|--------------------------|---------------------------------|-----------------------|
| | | | | 500 | 800 | 1800 | 2000 | 2400 | | | |
| VHF060303H0N6 -T | 0.6 | 4 | 100 | 11 | 15 | 28 | 34 | 39 | 10000 | 0.10 | 500 |
| VHF060303H0N8 -T | 0.8 | 4 | 100 | 10 | 15 | 27 | 34 | 38 | 10000 | 0.10 | 500 |
| VHF060303H1N0 -T | 1.0 | 4 | 100 | 9 | 13 | 24 | 30 | 34 | 10000 | 0.11 | 470 |
| VHF060303H1N2 -T | 1.2 | 4 | 100 | 9 | 13 | 24 | 30 | 34 | 10000 | 0.12 | 450 |
| VHF060303H1N5 -T | 1.5 | 4 | 100 | 10 | 14 | 24 | 30 | 34 | 10000 | 0.13 | 430 |
| VHF060303H1N8 -T | 1.8 | 4 | 100 | 10 | 14 | 24 | 30 | 33 | 10000 | 0.16 | 390 |
| VHF060303H2N0 -T | 2.0 | 4 | 100 | 9 | 13 | 23 | 29 | 32 | 10000 | 0.17 | 380 |
| VHF060303H2N2 -T | 2.2 | 4 | 100 | 9 | 13 | 22 | 28 | 31 | 8800 | 0.19 | 360 |
| VHF060303H2N4 -T | 2.4 | 4 | 100 | 9 | 13 | 22 | 29 | 32 | 8300 | 0.20 | 350 |
| VHF060303H2N7 -T | 2.7 | 4 | 100 | 10 | 14 | 23 | 29 | 31 | 7700 | 0.21 | 340 |
| VHF060303H3N0 -T | 3.0 | 4 | 100 | 10 | 14 | 24 | 31 | 33 | 7200 | 0.22 | 330 |
| VHF060303H3N3 -T | 3.3 | 4 | 100 | 10 | 14 | 23 | 29 | 31 | 6700 | 0.23 | 320 |
| VHF060303H3N6 -T | 3.6 | 4 | 100 | 9 | 13 | 21 | 27 | 29 | 6400 | 0.25 | 310 |
| VHF060303H3N9 -T | 3.9 | 4 | 100 | 10 | 14 | 24 | 29 | 32 | 6000 | 0.27 | 300 |
| VHF060303H4N3 -T | 4.3 | 4 | 100 | 9 | 13 | 22 | 27 | 29 | 5700 | 0.30 | 280 |
| VHF060303H4N7 -T | 4.7 | 4 | 100 | 10 | 15 | 23 | 29 | 30 | 5300 | 0.30 | 280 |
| VHF060303H5N1 -T | 5.1 | 4 | 100 | 9 | 13 | 20 | 26 | 27 | 5000 | 0.33 | 270 |
| VHF060303H5N6 -T | 5.6 | 4 | 100 | 11 | 15 | 22 | 28 | 29 | 4600 | 0.36 | 260 |
| VHF060303H6N2 -T | 6.2 | 4 | 100 | 10 | 13 | 20 | 25 | 26 | 4200 | 0.38 | 250 |
| VHF060303H6N8 -T | 6.8 | 4 | 100 | 10 | 14 | 21 | 26 | 25 | 3900 | 0.39 | 250 |
| VHF060303H7N5 -T | 7.5 | 4 | 100 | 9 | 13 | 20 | 26 | 26 | 3600 | 0.41 | 240 |
| VHF060303H8N2 -T | 8.2 | 4 | 100 | 10 | 13 | 19 | 24 | 24 | 3400 | 0.45 | 230 |
| VHF060303H9N1 -T | 9.1 | 4 | 100 | 11 | 12 | 17 | 22 | 22 | 3200 | 0.48 | 220 |
| VHF060303H10N -T | 10 | 4 | 100 | 10 | 13 | 18 | 22 | 21 | 2900 | 0.51 | 220 |
| VHF060303H12N -T | 12 | 4 | 100 | 11 | 14 | 19 | 23 | 20 | 2700 | 0.68 | 190 |
| VHF060303H15N -T | 15 | 4 | 100 | 10 | 14 | 15 | 18 | 14 | 2300 | 0.71 | 180 |
| VHF060303H18N -T | 18 | 4 | 100 | 9 | 15 | 12 | 13 | - | 2100 | 0.81 | 170 |
| VHF060303H22N -T | 22 | 4 | 100 | 10 | 15 | 10 | - | - | 1800 | 1.00 | 150 |
| VHF060303H27N -T | 27 | 4 | 100 | 10 | 15 | - | - | - | 1800 | 1.35 | 120 |
| VHF060303H33N -T | 33 | 4 | 100 | 10 | 15 | - | - | - | 1700 | 1.47 | 110 |
| VHF060303H39N -T | 39 | 4 | 100 | 10 | 12 | - | - | - | 1500 | 1.72 | 100 |
| VHF060303H47N -T | 47 | 4 | 100 | 10 | 12 | - | - | - | 1300 | 1.90 | 100 |
| VHF060303H56N -T | 56 | 4 | 100 | 10 | 9 | - | - | - | 1100 | 2.27 | 80 |
| VHF060303H68N -T | 68 | 4 | 100 | 10 | 9 | - | - | - | 1100 | 2.66 | 80 |
| VHF060303H82N -T | 82 | 4 | 100 | 10 | 8 | - | - | - | 1000 | 3.37 | 70 |
| VHF060303HR10 -T | 100 | 4 | 100 | 10 | - | - | - | - | 900 | 3.74 | 60 |
| VHF060303HR12 -T | 120 | 4 | 100 | 9 | - | - | - | - | 800 | 4.00 | 50 |

• 電性能參數 ELECTRICAL CHARACTERISTICS

0603 TYPE

| 型號 Part No. | 電感量 Inductance (nH) | 品質因數 Q (Min) | 測試頻率 Test Fre. (MHz) | 品質因數 測試頻率 Q Frequency (MHz) | | | | | 自諧振頻率 SRF (MHz)Min | 直流電阻 DC R (Ω)Max | 額定電流 I _r (mA) Max |
|-----------------------------|---------------------------|--------------------|----------------------------|--------------------------------|-----|------|------|------|--------------------------|---------------------------------|------------------------------------|
| | | | | 500 | 800 | 1800 | 2000 | 2400 | | | |
| VHF060303HQ0N6 \square -T | 0.6 | 13 | 500 | 23 | 31 | 54 | 56 | 65 | 10000 | 0.06 | 600 |
| VHF060303HQ0N7 \square -T | 0.7 | 13 | 500 | 23 | 31 | 54 | 56 | 65 | 10000 | 0.06 | 550 |
| VHF060303HQ0N8 \square -T | 0.8 | 13 | 500 | 23 | 31 | 54 | 56 | 65 | 10000 | 0.07 | 550 |
| VHF060303HQ1N0 \square -T | 1.0 | 13 | 500 | 23 | 31 | 54 | 56 | 65 | 10000 | 0.08 | 520 |
| VHF060303HQ1N1 \square -T | 1.1 | 13 | 500 | 18 | 25 | 45 | 46 | 55 | 10000 | 0.11 | 440 |
| VHF060303HQ1N2 \square -T | 1.2 | 13 | 500 | 18 | 24 | 43 | 43 | 52 | 10000 | 0.12 | 440 |
| VHF060303HQ1N4 \square -T | 1.4 | 13 | 500 | 18 | 23 | 39 | 40 | 47 | 10000 | 0.12 | 430 |
| VHF060303HQ1N5 \square -T | 1.5 | 13 | 500 | 18 | 23 | 39 | 40 | 46 | 10000 | 0.12 | 420 |
| VHF060303HQ1N6 \square -T | 1.6 | 13 | 500 | 18 | 23 | 39 | 40 | 46 | 10000 | 0.13 | 410 |
| VHF060303HQ1N8 \square -T | 1.8 | 13 | 500 | 18 | 23 | 39 | 40 | 46 | 10000 | 0.15 | 380 |
| VHF060303HQ2N0 \square -T | 2.0 | 13 | 500 | 16 | 23 | 38 | 38 | 44 | 10000 | 0.20 | 360 |
| VHF060303HQ2N2 \square -T | 2.2 | 13 | 500 | 16 | 23 | 38 | 39 | 43 | 10000 | 0.20 | 350 |
| VHF060303HQ2N4 \square -T | 2.4 | 13 | 500 | 16 | 22 | 36 | 37 | 42 | 10000 | 0.22 | 330 |
| VHF060303HQ2N6 \square -T | 2.6 | 13 | 500 | 16 | 21 | 34 | 34 | 39 | 9400 | 0.22 | 320 |
| VHF060303HQ2N7 \square -T | 2.7 | 13 | 500 | 16 | 21 | 34 | 34 | 39 | 9200 | 0.23 | 300 |
| VHF060303HQ3N0 \square -T | 3.0 | 13 | 500 | 16 | 21 | 34 | 34 | 39 | 5600 | 0.26 | 280 |
| VHF060303HQ3N3 \square -T | 3.3 | 13 | 500 | 17 | 22 | 34 | 35 | 40 | 8100 | 0.30 | 270 |
| VHF060303HQ3N6 \square -T | 3.6 | 13 | 500 | 15 | 22 | 33 | 34 | 39 | 7700 | 0.38 | 240 |
| VHF060303HQ3N9 \square -T | 3.9 | 13 | 500 | 15 | 21 | 33 | 34 | 38 | 7400 | 0.42 | 230 |
| VHF060303HQ4N3 \square -T | 4.3 | 13 | 500 | 15 | 20 | 32 | 33 | 37 | 6800 | 0.44 | 220 |
| VHF060303HQ4N7 \square -T | 4.7 | 13 | 500 | 15 | 21 | 33 | 34 | 38 | 6200 | 0.45 | 220 |
| VHF060303HQ5N1 \square -T | 5.1 | 13 | 500 | 16 | 21 | 34 | 35 | 38 | 5900 | 0.46 | 210 |
| VHF060303HQ5N6 \square -T | 5.6 | 13 | 500 | 15 | 20 | 33 | 33 | 37 | 5500 | 0.46 | 210 |
| VHF060303HQ6N2 \square -T | 6.2 | 13 | 500 | 17 | 22 | 34 | 34 | 37 | 5100 | 0.48 | 210 |
| VHF060303HQ6N8 \square -T | 6.8 | 13 | 500 | 16 | 21 | 32 | 32 | 35 | 4900 | 0.50 | 200 |
| VHF060303HQ7N5 \square -T | 7.5 | 13 | 500 | 15 | 20 | 31 | 32 | 34 | 4700 | 0.50 | 200 |
| VHF060303HQ8N2 \square -T | 8.2 | 13 | 500 | 15 | 20 | 31 | 31 | 34 | 4300 | 0.56 | 190 |
| VHF060303HQ9N1 \square -T | 9.1 | 13 | 500 | 15 | 19 | 30 | 30 | 32 | 4100 | 0.72 | 170 |
| VHF060303HQ10N \square -T | 10 | 13 | 500 | 15 | 19 | 28 | 28 | 31 | 3800 | 0.80 | 160 |
| VHF060303HQ12N \square -T | 12 | 13 | 500 | 15 | 19 | 27 | 27 | 28 | 3400 | 0.80 | 160 |
| VHF060303HQ15N \square -T | 15 | 13 | 500 | 14 | 18 | 24 | 23 | 23 | 2600 | 0.85 | 160 |
| VHF060303HQ18N \square -T | 18 | 13 | 500 | 14 | 18 | 23 | 23 | 22 | 2300 | 1.00 | 140 |
| VHF060303HQ22N \square -T | 22 | 13 | 500 | 14 | 18 | 22 | 22 | 20 | 1900 | 1.20 | 130 |
| VHF060303HQ27N \square -T | 27 | 13 | 500 | 14 | 18 | 15 | 12 | 8 | 1800 | 1.60 | 120 |
| VHF060303HQ33N \square -T | 33 | 13 | 300 | 13 | 14 | 8 | 4 | - | 1800 | 2.20 | 110 |
| VHF060303HQ39N \square -T | 39 | 11 | 300 | 13 | 14 | 6 | - | - | 1600 | 2.30 | 100 |
| VHF060303HQ47N \square -T | 47 | 11 | 300 | 13 | 14 | - | - | - | 1500 | 2.60 | 100 |
| VHF060303HQ56N \square -T | 56 | 11 | 300 | 12 | 12 | - | - | - | 1400 | 2.80 | 80 |
| VHF060303HQ68N \square -T | 68 | 11 | 300 | 12 | 10 | - | - | - | 1200 | 3.20 | 80 |
| VHF060303HQ82N \square -T | 82 | 10 | 300 | 11 | 9 | - | - | - | 1100 | 3.80 | 70 |
| VHF060303HQR10 \square -T | 100 | 10 | 300 | 11 | 9 | - | - | - | 1000 | 4.00 | 60 |
| VHF060303HQR12 \square -T | 120 | 9 | 300 | 11 | 7 | - | - | - | 1000 | 5.00 | 50 |

• 電性能參數 ELECTRICAL CHARACTERISTICS

1005TYPE

| 型號 Part No. | 電感量 Inductance (nH) | 品質因數 Q (Min) | 測試頻率 Test Fre. (MHz) | 品質因數 測試頻率 Q Frequency (MHz) | | | | | 自諧振頻率 SRF (MHz)Min | 直流電阻 DC R (Ω)Max | 額定電流 I _r (mA) Max |
|------------------|---------------------------|--------------------|----------------------------|--------------------------------|-----|-----|-----|------|--------------------------|---------------------------------|------------------------------------|
| | | | | 100 | 300 | 500 | 800 | 1000 | | | |
| VHF100505H1N0□ T | 1.0 | 8 | 100 | 11 | 19 | 18 | 34 | 36 | 10000 | 0.1 | 400 |
| VHF100505H1N1□ T | 1.1 | 8 | 100 | 11 | 19 | 18 | 34 | 36 | 10000 | 0.1 | 400 |
| VHF100505H1N2□ T | 1.2 | 8 | 100 | 11 | 19 | 18 | 34 | 36 | 10000 | 0.1 | 400 |
| VHF100505H1N3□ T | 1.3 | 8 | 100 | 11 | 19 | 18 | 34 | 36 | 10000 | 0.1 | 400 |
| VHF100505H1N5□ T | 1.5 | 8 | 100 | 11 | 19 | 18 | 34 | 36 | 6000 | 0.1 | 300 |
| VHF100505H1N6□ T | 1.6 | 8 | 100 | 11 | 19 | 18 | 32 | 35 | 6000 | 0.1 | 300 |
| VHF100505H1N8□ T | 1.8 | 8 | 100 | 11 | 19 | 18 | 30 | 34 | 6000 | 0.1 | 300 |
| VHF100505H2N0□ T | 2.0 | 8 | 100 | 10 | 18 | 17 | 29 | 33 | 6000 | 0.2 | 300 |
| VHF100505H2N2□ T | 2.2 | 8 | 100 | 10 | 18 | 17 | 29 | 33 | 6000 | 0.2 | 300 |
| VHF100505H2N4□ T | 2.4 | 8 | 100 | 10 | 18 | 17 | 29 | 32 | 6000 | 0.2 | 300 |
| VHF100505H2N7□ T | 2.7 | 8 | 100 | 10 | 18 | 17 | 29 | 32 | 6000 | 0.2 | 300 |
| VHF100505H3N0□ T | 3.0 | 8 | 100 | 10 | 18 | 17 | 29 | 32 | 6000 | 0.2 | 300 |
| VHF100505H3N3□ T | 3.3 | 8 | 100 | 10 | 18 | 17 | 29 | 32 | 6000 | 0.2 | 300 |
| VHF100505H3N6□ T | 3.6 | 8 | 100 | 10 | 18 | 17 | 28 | 31 | 4000 | 0.2 | 300 |
| VHF100505H3N9□ T | 3.9 | 8 | 100 | 10 | 18 | 17 | 28 | 31 | 4000 | 0.2 | 300 |
| VHF100505H4N3□ T | 4.3 | 8 | 100 | 10 | 18 | 17 | 28 | 31 | 4000 | 0.2 | 300 |
| VHF100505H4N7□ T | 4.7 | 8 | 100 | 10 | 18 | 17 | 28 | 31 | 4000 | 0.2 | 300 |
| VHF100505H5N1□ T | 5.1 | 8 | 100 | 10 | 18 | 17 | 28 | 30 | 4000 | 0.3 | 300 |
| VHF100505H5N6□ T | 5.6 | 8 | 100 | 10 | 18 | 17 | 28 | 30 | 4000 | 0.3 | 300 |
| VHF100505H6N2□ T | 6.2 | 8 | 100 | 10 | 18 | 17 | 27 | 30 | 3900 | 0.3 | 300 |
| VHF100505H6N8□ T | 6.8 | 8 | 100 | 10 | 18 | 17 | 27 | 30 | 3900 | 0.3 | 300 |
| VHF100505H7N5□ T | 7.5 | 8 | 100 | 10 | 18 | 17 | 27 | 30 | 3700 | 0.4 | 300 |
| VHF100505H8N2□ T | 8.2 | 8 | 100 | 10 | 18 | 17 | 27 | 30 | 3600 | 0.4 | 300 |
| VHF100505H9N1□ T | 9.1 | 8 | 100 | 10 | 18 | 17 | 27 | 30 | 3400 | 0.4 | 300 |
| VHF100505H10N□ T | 10 | 8 | 100 | 10 | 18 | 17 | 27 | 30 | 3200 | 0.4 | 300 |
| VHF100505H12N□ T | 12 | 8 | 100 | 10 | 18 | 17 | 26 | 29 | 2700 | 0.5 | 300 |
| VHF100505H15N□ T | 15 | 8 | 100 | 10 | 18 | 17 | 26 | 28 | 2300 | 0.5 | 300 |
| VHF100505H18N□ T | 18 | 8 | 100 | 10 | 18 | 17 | 25 | 27 | 2100 | 0.6 | 300 |
| VHF100505H20N□ T | 20 | 8 | 100 | 10 | 18 | 17 | 25 | 26 | 2000 | 0.6 | 300 |
| VHF100505H22N□ T | 22 | 8 | 100 | 10 | 18 | 17 | 25 | 25 | 1900 | 0.6 | 300 |
| VHF100505H27N□ T | 27 | 8 | 100 | 10 | 18 | 17 | 25 | 23 | 1600 | 0.7 | 300 |
| VHF100505H33N□ T | 33 | 8 | 100 | 10 | 18 | 17 | 22 | 22 | 1300 | 0.8 | 200 |
| VHF100505H39N□ T | 39 | 8 | 100 | 10 | 18 | 17 | 22 | 19 | 1200 | 1.0 | 200 |
| VHF100505H43N□ T | 43 | 8 | 100 | 10 | 18 | 17 | 21 | 16 | 1100 | 1.1 | 200 |
| VHF100505H47N□ T | 47 | 8 | 100 | 10 | 18 | 17 | 21 | 16 | 1000 | 1.1 | 200 |
| VHF100505H56N□ T | 56 | 8 | 100 | 10 | 18 | 17 | 18 | 13 | 750 | 1.2 | 200 |
| VHF100505H68N□ T | 68 | 8 | 100 | 10 | 18 | 17 | 18 | 9 | 750 | 1.4 | 180 |
| VHF100505H82N□ T | 82 | 8 | 100 | 10 | 18 | 17 | 13 | - | 750 | 2.4 | 150 |
| VHF100505HR10□ T | 100 | 8 | 100 | 10 | 18 | 17 | 12 | - | 700 | 2.6 | 150 |
| VHF100505HR12□ T | 120 | 8 | 100 | 10 | 18 | 17 | - | - | 600 | 2.8 | 150 |
| VHF100505HR15□ T | 150 | 8 | 100 | 10 | 18 | 17 | - | - | 550 | 3.2 | 100 |
| VHF100505HR18□ T | 180 | 8 | 100 | 10 | 18 | - | - | - | 500 | 3.7 | 100 |
| VHF100505HR22□ T | 220 | 8 | 100 | 12 | 20 | - | - | - | 450 | 4.0 | 100 |
| VHF100505HR27□ T | 270 | 8 | 100 | 12 | 20 | - | - | - | 400 | 4.5 | 100 |
| VHF100505HR30□ T | 300 | 6 | 50 | 12 | 20 | - | - | - | 350 | 7.0 | 50 |
| VHF100505HR33□ T | 330 | 6 | 50 | 8 | 16 | - | - | - | 350 | 7.0 | 50 |
| VHF100505HR36□ T | 360 | 6 | 50 | 8 | - | - | - | - | 300 | 7.5 | 50 |

叠層片式高频电感

CHIP HIGH FREQUENCY INDUCTORS

• 電性能參數 ELECTRICAL CHARACTERISTICS

1608TYPE

| 型號 Part No. | 電感量 Inductance (nH) | 品質因數 Q (Min) | 測試頻率 Test Fre. (MHz) | 品質因數 測試頻率 Q Frequency (Mhz) | | | | | 自諧振頻率 SRF (MHz)Min | 直流電阻 DC R (Ω)Max | 額定電流 I _r (mA) Max |
|-----------------|---------------------------|--------------------|----------------------------|--------------------------------|-----|-----|-----|------|--------------------------|---------------------------------|------------------------------------|
| | | | | 100 | 300 | 500 | 800 | 1000 | | | |
| VHF160808H1N0S | 1.0 | 8 | 100 | 14 | 20 | 30 | 35 | 50 | 10000 | 0.05 | 500 |
| VHF160808H1N2S | 1.2 | 8 | 100 | 14 | 20 | 30 | 35 | 50 | 10000 | 0.10 | 500 |
| VHF160808H1N5S | 1.5 | 8 | 100 | 14 | 22 | 37 | 38 | 68 | 10000 | 0.10 | 400 |
| VHF160808H1N8S | 1.8 | 8 | 100 | 14 | 21 | 33 | 35 | 61 | 9800 | 0.12 | 400 |
| VHF160808H2N2S | 2.2 | 8 | 100 | 14 | 26 | 40 | 39 | 60 | 7600 | 0.20 | 400 |
| VHF160808H2N7S | 2.7 | 8 | 100 | 12 | 23 | 27 | 37 | 47 | 7000 | 0.20 | 400 |
| VHF160808H3N3S | 3.3 | 8 | 100 | 12 | 23 | 27 | 36 | 47 | 6200 | 0.20 | 400 |
| VHF160808H3N9S | 3.9 | 8 | 100 | 12 | 25 | 28 | 38 | 47 | 5600 | 0.25 | 400 |
| VHF160808H4N7S | 4.7 | 8 | 100 | 12 | 26 | 30 | 38 | 49 | 4800 | 0.30 | 400 |
| VHF160808H5N6S | 5.6 | 8 | 100 | 12 | 26 | 29 | 35 | 34 | 4600 | 0.30 | 400 |
| VHF160808H6N8S | 6.8 | 8 | 100 | 12 | 23 | 27 | 35 | 40 | 4200 | 0.35 | 400 |
| VHF160808H8N2J | 8.2 | 8 | 100 | 12 | 22 | 26 | 33 | 39 | 3600 | 0.35 | 400 |
| VHF160808H10NJ | 10 | 8 | 100 | 13 | 25 | 31 | 38 | 45 | 3200 | 0.40 | 300 |
| VHF160808H12NJ | 12 | 8 | 100 | 13 | 24 | 28 | 35 | 39 | 2800 | 0.40 | 300 |
| VHF160808H15NJ | 15 | 8 | 100 | 13 | 22 | 27 | 34 | 40 | 2600 | 0.45 | 300 |
| VHF160808H18NJ | 18 | 8 | 100 | 13 | 24 | 28 | 35 | 38 | 2400 | 0.60 | 300 |
| VHF160808H22NJ | 22 | 8 | 100 | 15 | 27 | 32 | 38 | 43 | 2000 | 0.60 | 300 |
| VHF160808H27NJ | 27 | 8 | 100 | 14 | 26 | 29 | 36 | 44 | 1900 | 0.80 | 300 |
| VHF160808H33NJ | 33 | 8 | 100 | 14 | 26 | 29 | 35 | 34 | 1600 | 0.80 | 300 |
| VHF160808H39NJ | 39 | 8 | 100 | 14 | 22 | 25 | 28 | 28 | 1400 | 1.00 | 300 |
| VHF160808H47NJ | 47 | 8 | 100 | 15 | 25 | 29 | 30 | 25 | 1200 | 1.00 | 200 |
| VHF160808H56NJ | 56 | 8 | 100 | 17 | 28 | 31 | 31 | 25 | 1000 | 1.00 | 200 |
| VHF160808H68NJ | 68 | 8 | 100 | 17 | 22 | 24 | 25 | 15 | 900 | 1.00 | 200 |
| VHF160808H82NJ | 82 | 8 | 100 | 17 | 23 | 24 | 22 | 13 | 800 | 1.00 | 200 |
| VHF160808HR10J | 100 | 8 | 100 | 17 | 25 | 27 | 24 | 17 | 700 | 1.40 | 200 |
| VHF160808HR12J | 120 | 8 | 100 | 15 | 24 | 23 | | | 600 | 1.60 | 150 |
| VHF160808HR15J | 150 | 8 | 100 | 13 | 19 | | | | 500 | 1.80 | 150 |
| VHF160808HR18JT | 180 | 8 | 100 | 13 | 19 | | | | 500 | 1.80 | 150 |
| VHF160808HR22JT | 220 | 8 | 50 | 15 | | | | | 350 | 2.40 | 200 |
| VHF160808HR27JT | 270 | 8 | 50 | 16 | | | | | 350 | 2.60 | 150 |
| VHF160808HR33JT | 330 | 8 | 50 | 16 | | | | | 350 | 2.80 | 150 |

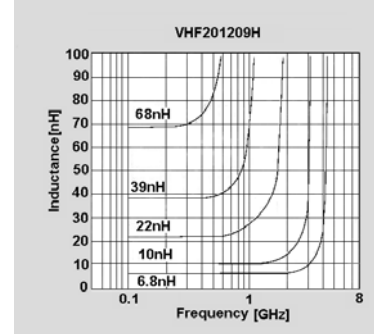
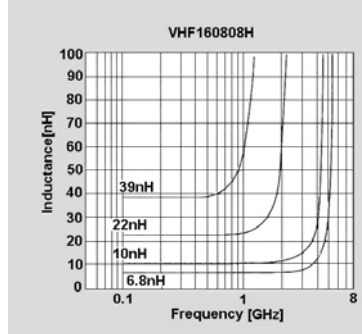
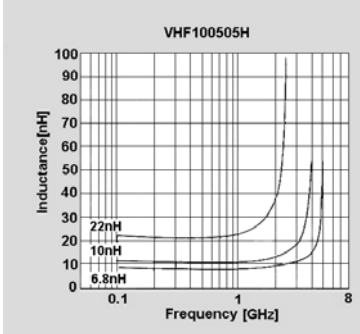
電性能參數 ELECTRICAL CHARACTERISTICS

2012TYPE

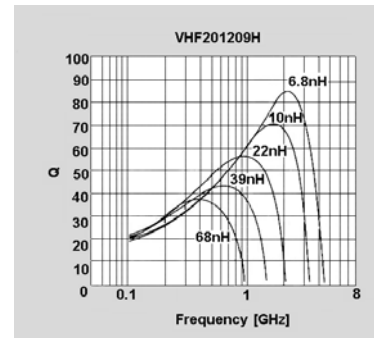
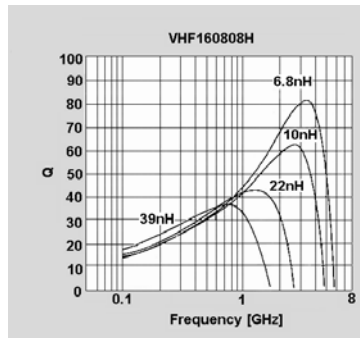
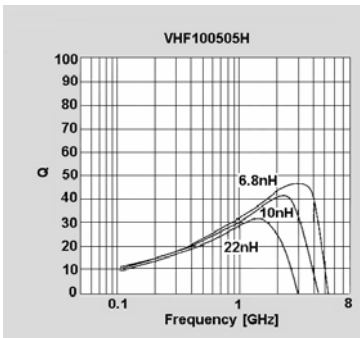
| 型號 Part No. | 電感量 Inductance (nH) | 品質因數 Q (Min) | 測試頻率 Test Fre. (MHz) | 品質因數 測試頻率 Q Frequency (MHz) | | | | | 自諧振頻率 SRF (MHz)Min | 直流電阻 DC R (Ω)Max | 額定電流 Ir(mA) Max |
|----------------|---------------------------|--------------------|----------------------------|--------------------------------|-----|-----|-----|------|--------------------------|---------------------------------|-----------------------|
| | | | | 100 | 300 | 500 | 800 | 1000 | | | |
| VHF201209H1N5S | 1.5 | 8 | 100 | 10 | 23 | 46 | 54 | 85 | 6000 | 0.10 | 600 |
| VHF201209H1N8S | 1.8 | 8 | 100 | 13 | 24 | 46 | 55 | 85 | 6000 | 0.10 | 600 |
| VHF201209H2N2S | 2.2 | 8 | 100 | 13 | 25 | 46 | 53 | 85 | 6000 | 0.10 | 600 |
| VHF201209H2N7S | 2.7 | 8 | 100 | 13 | 25 | 42 | 45 | 76 | 6000 | 0.10 | 600 |
| VHF201209H3N3S | 3.3 | 8 | 100 | 15 | 28 | 48 | 52 | 85 | 6000 | 0.13 | 600 |
| VHF201209H3N9S | 3.9 | 8 | 100 | 15 | 28 | 49 | 55 | 85 | 5400 | 0.15 | 600 |
| VHF201209H4N7S | 4.7 | 8 | 100 | 15 | 28 | 48 | 53 | 85 | 4500 | 0.20 | 400 |
| VHF201209H5N6S | 5.6 | 8 | 100 | 16 | 30 | 44 | 45 | 78 | 4000 | 0.23 | 400 |
| VHF201209H6N8S | 6.8 | 8 | 100 | 16 | 30 | 40 | 45 | 69 | 3650 | 0.25 | 400 |
| VHF201209H8N2J | 8.2 | 8 | 100 | 16 | 28 | 42 | 45 | 69 | 3000 | 0.28 | 400 |
| VHF201209H10NJ | 10 | 8 | 100 | 16 | 28 | 43 | 45 | 71 | 2500 | 0.30 | 300 |
| VHF201209H12NJ | 12 | 8 | 100 | 16 | 28 | 43 | 45 | 50 | 2450 | 0.35 | 300 |
| VHF201209H15NJ | 15 | 8 | 100 | 18 | 30 | 43 | 43 | 56 | 2000 | 0.40 | 300 |
| VHF201209H18NJ | 18 | 8 | 100 | 18 | 26 | 40 | 42 | 59 | 1750 | 0.45 | 300 |
| VHF201209H22NJ | 22 | 8 | 100 | 17 | 31 | 45 | 45 | 59 | 1700 | 0.50 | 300 |
| VHF201209H27NJ | 27 | 8 | 100 | 17 | 31 | 45 | 45 | 54 | 1550 | 0.55 | 300 |
| VHF201209H33NJ | 33 | 8 | 100 | 18 | 27 | 41 | 40 | 44 | 1350 | 0.60 | 300 |
| VHF201209H39NJ | 39 | 8 | 100 | 19 | 31 | 42 | 31 | 20 | 1300 | 0.70 | 300 |
| VHF201209H47NJ | 47 | 8 | 100 | 20 | 24 | 33 | 31 | 29 | 1200 | 0.80 | 300 |
| VHF201209H56NJ | 56 | 8 | 100 | 21 | 34 | 43 | 35 | 25 | 1150 | 0.80 | 300 |
| VHF201209H68NJ | 68 | 8 | 100 | 19 | 28 | 37 | 29 | | 1000 | 0.85 | 300 |
| VHF201209H82NJ | 82 | 8 | 100 | 19 | 29 | 30 | 27 | | 850 | 0.90 | 300 |
| VHF201209HR10J | 100 | 8 | 100 | 13 | 27 | 36 | | | 600 | 1.00 | 300 |
| VHF201209HR12J | 120 | 8 | 100 | 19 | 27 | | | | 500 | 1.20 | 300 |
| VHF201209HR15K | 150 | 8 | 100 | 19 | 27 | | | | 500 | 1.50 | 300 |
| VHF201209HR18K | 180 | 8 | 100 | 19 | 25 | | | | 400 | 1.80 | 300 |
| VHF201209HR22K | 220 | 8 | 100 | 19 | 22 | | | | 350 | 1.80 | 300 |

特性曲线 CHARACTERISTICS CURVES

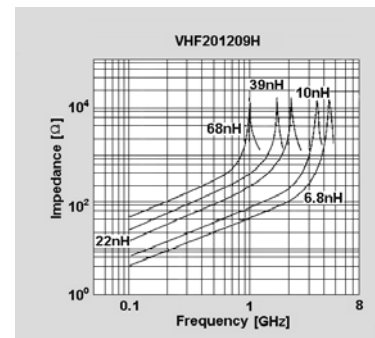
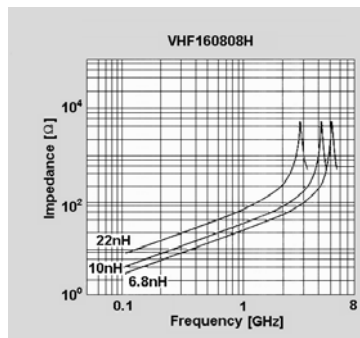
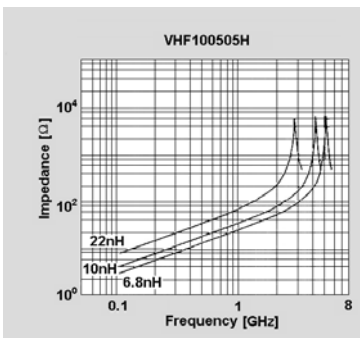
■ 电感量频率特性 Inductance VS. Frequency



■ Q值频率特性 Q Value VS. Frequency



■ 阻抗频率特性 Impedance VS. Frequency



X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Fixed Inductors](#) category:

Click to view products by [Fenghua Advanced](#) manufacturer:

Other Similar products are found below :

[MLZ1608M6R8WTD25](#) [MLZ1608N6R8LT000](#) [MLZ1608N3R3LTD25](#) [MLZ1608N3R3LT000](#) [MLZ1608N150LT000](#)

[MLZ1608M150WTD25](#) [MLZ1608M3R3WTD25](#) [MLZ1608M3R3WT000](#) [MLZ1608M150WT000](#) [MLZ1608A1R5WT000](#)

[MLZ1608N1R5LT000](#) [B82432C1333K000](#) [PCMB053T-1R0MS](#) [PCMB053T-1R5MS](#) [PCMB104T-1R5MS](#) [CR32NP-100KC](#) [CR32NP-](#)

[151KC](#) [CR32NP-180KC](#) [CR32NP-181KC](#) [CR32NP-1R5MC](#) [CR32NP-390KC](#) [CR32NP-3R9MC](#) [CR32NP-680KC](#) [CR32NP-820KC](#)

[CR32NP-8R2MC](#) [CR43NP-390KC](#) [CR43NP-560KC](#) [CR43NP-680KC](#) [CR54NP-181KC](#) [CR54NP-470LC](#) [CR54NP-820KC](#) [CR54NP-8R5MC](#)

[MGDQ4-00004-P](#) [MGDU1-00016-P](#) [MHL1ECTTP18NJ](#) [MHL1JCTTD12NJ](#) [PE-51506NL](#) [PE-53601NL](#) [PE-53630NL](#) [PE-53824SNLT](#) [PE-](#)

[62892NL](#) [PE-92100NL](#) [PG0434.801NLT](#) [PG0936.113NLT](#) [PM06-2N7](#) [PM06-39NJ](#) [HC2LP-R47-R](#) [HC2-R47-R](#) [HC3-2R2-R](#) [HC8-1R2-R](#)