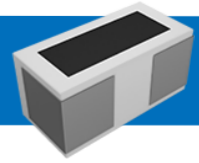


# 叠层片式高 Q 陶瓷电感—HQ-Q 系列

## Multilayer High Q Chip Ceramic Inductor—HQ-Q Series



**工作温度**  
Operating Temp

◆ -55℃ ~+125℃ (Including self-heating)

### 特征

Features

- ◆ 迭层独石结构、高度可靠性
- ◆ 高自谐振频率
- ◆ 良好的可焊性和耐焊性
- ◆ 与绕线电感相当的高 Q 值
- ◆ Monolithic structure for high reliability
- ◆ High self-resonant frequency
- ◆ Excellent solderability and high heat resistance
- ◆ High Q value correspond to wire wound inductor

### 用途

Applications

- ◆ 通讯电子设备等的射频线路
- ◆ 移动电话等电子设备
- ◆ 蓝牙, 无线网
- ◆ RF circuit in telecommunication and other equipments
- ◆ Mobile phones and other electronic devices
- ◆ Bluetooth, W-LAN

### 产品型号

Product Identification

| 1  | 2    | 3 | 4   | 5 | 6 | 7  |
|----|------|---|-----|---|---|----|
| HQ | 0402 | Q | 3N9 | B | T | 01 |

| 1  | 分类 Type                          |
|----|----------------------------------|
| HQ | 片式高 Q 电感<br>High Q Chip Inductor |

| 2             | 外形尺寸 (L×W) (mm)<br>External Dimensions (L×W) (mm) |
|---------------|---------------------------------------------------|
| 0201 [008004] | 0.25×0.125                                        |
| 0402 [010005] | 0.4×0.2                                           |
| 0603 [0201]   | 0.6×0.3                                           |

| 3 | 特征代号 Characteristics Code |
|---|---------------------------|
| Q |                           |

| 4       | 公称电感量 Nominal Inductance |
|---------|--------------------------|
| Example | Nominal Value            |
| 3N9     | 3.9nH                    |
| 10N     | 10nH                     |
| ※N=nH   |                          |

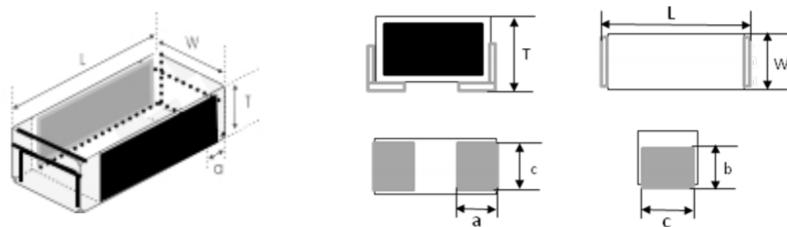
| 5 | 电感公差 Inductance Tolerance |
|---|---------------------------|
| W | ±0.05nH                   |
| B | ±0.1nH                    |
| C | ±0.2nH                    |
| S | ±0.3nH                    |
| H | ±3%                       |
| J | ±5%                       |

| 6 | 包装 Packing                      |
|---|---------------------------------|
| T | 纸带 Paper Tape                   |
| P | 塑带 Plastic Tape Carrier Package |

| 7  | 系列代号 Serial Code |
|----|------------------|
| 01 |                  |

### 外观尺寸

Shape and Dimensions



Unit: mm [inch]

| Type             | L                          | W                           | T                         | a                           | b                           | c                           |
|------------------|----------------------------|-----------------------------|---------------------------|-----------------------------|-----------------------------|-----------------------------|
| 0201<br>[008004] | 0.25±0.013<br>[.010±.0005] | 0.125±0.008<br>[.005±.0003] | 0.2±0.013<br>[.008±.0005] | 0.075±0.025<br>[.003±.0010] | 0.115±0.025<br>[.004±.0010] | 0.085±0.025<br>[.003±.0010] |
| 0402<br>[010005] | 0.4±0.02<br>[.016±.0008]   | 0.2±0.02<br>[.008±.0008]    | 0.3±0.02<br>[.118±.0008]  | 0.14±0.03<br>[.005±.0010]   | 0.14±0.03<br>[.005±.0010]   | 0.17±0.03<br>[.006±.0010]   |
| 0603<br>[0201]   | 0.6±0.03<br>[.024±.0012]   | 0.3±0.03<br>[.012±.0012]    | 0.4±0.02<br>[.016±.0008]  | 0.15±0.03<br>[.006±.0012]   | 0.2±0.03<br>[.008±.0012]    | 0.25±0.03<br>[.01±.0012]    |

## 规格特性 Specifications

### HQ0201Q Series

| 型号<br>Part Number | 电感量<br>Inductance | 品质因子<br>Min.<br>Quality<br>Factor | 测试频率<br>L, Q Test<br>Freq. | Typical Q @ Freq. (GHz) |     |     |     |     | 自谐频率<br>Min. Self-<br>resonant<br>Frequency | 直流电阻<br>Max. DC<br>Resistance | 额定电流<br>Max.<br>Rated<br>Current |
|-------------------|-------------------|-----------------------------------|----------------------------|-------------------------|-----|-----|-----|-----|---------------------------------------------|-------------------------------|----------------------------------|
|                   |                   |                                   |                            | 0.5                     | 0.8 | 1.8 | 2.0 | 2.4 |                                             |                               |                                  |
| 单位 Units          | nH                | -                                 | MHz                        | -                       |     |     |     |     | MHz                                         | $\Omega$                      | mA                               |
| 符号 Symbol         | L                 | Q                                 | Freq.                      | Q                       |     |     |     |     | S.R.F                                       | DCR                           | I <sub>r</sub>                   |
| HQ0201Q0N3 □ P01  | 0.3               | 8                                 | 500                        | /                       | /   | /   | /   | /   | 14000                                       | 0.02                          | 650                              |
| HQ0201Q0N4 □ P01  | 0.4               | 8                                 | 500                        | /                       | /   | /   | /   | /   | 14000                                       | 0.04                          | 560                              |
| HQ0201Q0N5 □ P01  | 0.5               | 8                                 | 500                        | /                       | /   | /   | /   | /   | 14000                                       | 0.06                          | 560                              |
| HQ0201Q0N6 □ P01  | 0.6               | 8                                 | 500                        | /                       | /   | /   | /   | /   | 14000                                       | 0.10                          | 560                              |
| HQ0201Q0N7 □ P01  | 0.7               | 8                                 | 500                        | /                       | /   | /   | /   | /   | 13000                                       | 0.15                          | 360                              |
| HQ0201Q0N8 □ P01  | 0.8               | 8                                 | 500                        | 12                      | 16  | 21  | 22  | 23  | 13000                                       | 0.15                          | 360                              |
| HQ0201Q0N9 □ P01  | 0.9               | 8                                 | 500                        | 12                      | 16  | 20  | 21  | 23  | 13000                                       | 0.15                          | 360                              |
| HQ0201Q1N0 □ P01  | 1.0               | 8                                 | 500                        | 12                      | 15  | 19  | 20  | 22  | 12000                                       | 0.18                          | 340                              |
| HQ0201Q1N1 □ P01  | 1.1               | 8                                 | 500                        | 12                      | 15  | 20  | 21  | 23  | 12500                                       | 0.18                          | 340                              |
| HQ0201Q1N2 □ P01  | 1.2               | 8                                 | 500                        | 12                      | 15  | 19  | 20  | 22  | 12500                                       | 0.18                          | 340                              |
| HQ0201Q1N3 □ P01  | 1.3               | 8                                 | 500                        | 12                      | 15  | 20  | 21  | 22  | 12000                                       | 0.29                          | 330                              |
| HQ0201Q1N4 □ P01  | 1.4               | 8                                 | 500                        | 12                      | 15  | 19  | 20  | 22  | 12000                                       | 0.32                          | 330                              |
| HQ0201Q1N5 □ P01  | 1.5               | 8                                 | 500                        | 12                      | 15  | 19  | 20  | 22  | 12000                                       | 0.32                          | 330                              |
| HQ0201Q1N6 □ P01  | 1.6               | 8                                 | 500                        | 12                      | 14  | 19  | 20  | 21  | 11000                                       | 0.32                          | 330                              |
| HQ0201Q1N7 □ P01  | 1.7               | 8                                 | 500                        | 12                      | 14  | 19  | 20  | 21  | 11000                                       | 0.32                          | 330                              |
| HQ0201Q1N8 □ P01  | 1.8               | 8                                 | 500                        | 12                      | 14  | 19  | 20  | 21  | 10000                                       | 0.32                          | 330                              |
| HQ0201Q1N9 □ P01  | 1.9               | 8                                 | 500                        | 12                      | 15  | 19  | 20  | 22  | 10000                                       | 0.32                          | 330                              |
| HQ0201Q2N0 □ P01  | 2.0               | 8                                 | 500                        | 12                      | 14  | 19  | 20  | 22  | 10000                                       | 0.32                          | 330                              |
| HQ0201Q2N1 □ P01  | 2.1               | 8                                 | 500                        | 12                      | 15  | 19  | 20  | 22  | 9500                                        | 0.42                          | 260                              |
| HQ0201Q2N2 □ P01  | 2.2               | 8                                 | 500                        | 12                      | 14  | 19  | 20  | 21  | 9000                                        | 0.43                          | 260                              |
| HQ0201Q2N3 □ P01  | 2.3               | 8                                 | 500                        | 12                      | 14  | 19  | 20  | 22  | 9000                                        | 0.45                          | 260                              |
| HQ0201Q2N4 □ P01  | 2.4               | 8                                 | 500                        | 12                      | 14  | 19  | 20  | 21  | 9000                                        | 0.46                          | 260                              |
| HQ0201Q2N5 □ P01  | 2.5               | 8                                 | 500                        | 12                      | 14  | 19  | 20  | 21  | 9000                                        | 0.46                          | 260                              |
| HQ0201Q2N6 □ P01  | 2.6               | 8                                 | 500                        | 12                      | 15  | 19  | 20  | 22  | 8500                                        | 0.46                          | 260                              |
| HQ0201Q2N7 □ P01  | 2.7               | 8                                 | 500                        | 12                      | 14  | 19  | 20  | 21  | 8500                                        | 0.46                          | 260                              |
| HQ0201Q2N8 □ P01  | 2.8               | 8                                 | 500                        | 12                      | 14  | 19  | 20  | 22  | 8500                                        | 0.46                          | 260                              |
| HQ0201Q2N9 □ P01  | 2.9               | 8                                 | 500                        | 12                      | 15  | 19  | 20  | 21  | 8000                                        | 0.60                          | 240                              |
| HQ0201Q3N0 □ P01  | 3.0               | 8                                 | 500                        | 12                      | 15  | 19  | 20  | 21  | 8000                                        | 0.60                          | 240                              |
| HQ0201Q3N1 □ P01  | 3.1               | 8                                 | 500                        | 12                      | 15  | 19  | 20  | 21  | 7500                                        | 0.60                          | 240                              |
| HQ0201Q3N2 □ P01  | 3.2               | 8                                 | 500                        | 12                      | 14  | 18  | 19  | 21  | 7500                                        | 0.60                          | 240                              |
| HQ0201Q3N3 □ P01  | 3.3               | 8                                 | 500                        | 12                      | 14  | 18  | 19  | 21  | 6700                                        | 0.60                          | 240                              |
| HQ0201Q3N4 □ P01  | 3.4               | 8                                 | 500                        | 12                      | 14  | 18  | 19  | 20  | 6700                                        | 0.70                          | 220                              |
| HQ0201Q3N5 □ P01  | 3.5               | 8                                 | 500                        | 11                      | 14  | 18  | 19  | 20  | 6700                                        | 0.70                          | 220                              |
| HQ0201Q3N6 □ P01  | 3.6               | 8                                 | 500                        | 11                      | 14  | 18  | 19  | 20  | 6700                                        | 0.85                          | 200                              |
| HQ0201Q3N7 □ P01  | 3.7               | 8                                 | 500                        | 11                      | 14  | 18  | 19  | 20  | 6000                                        | 0.85                          | 200                              |
| HQ0201Q3N8 □ P01  | 3.8               | 8                                 | 500                        | 11                      | 14  | 18  | 19  | 20  | 5500                                        | 0.88                          | 200                              |
| HQ0201Q3N9 □ P01  | 3.9               | 8                                 | 500                        | 11                      | 14  | 18  | 19  | 20  | 5500                                        | 0.88                          | 200                              |
| HQ0201Q4N0 □ P01  | 4.0               | 8                                 | 500                        | 11                      | 14  | 18  | 20  | 20  | 5500                                        | 0.88                          | 200                              |
| HQ0201Q4N1 □ P01  | 4.1               | 8                                 | 500                        | 11                      | 14  | 18  | 19  | 20  | 5200                                        | 0.90                          | 180                              |
| HQ0201Q4N2 □ P01  | 4.2               | 8                                 | 500                        | 11                      | 14  | 18  | 19  | 20  | 5200                                        | 0.90                          | 180                              |
| HQ0201Q4N3 □ P01  | 4.3               | 8                                 | 500                        | 11                      | 14  | 18  | 19  | 21  | 5200                                        | 0.90                          | 180                              |
| HQ0201Q4N7 □ P01  | 4.7               | 8                                 | 500                        | 11                      | 14  | 18  | 19  | 21  | 4000                                        | 1.20                          | 170                              |
| HQ0201Q5N1 □ P01  | 5.1               | 8                                 | 500                        | 11                      | 14  | 18  | 19  | 20  | 4000                                        | 1.20                          | 160                              |
| HQ0201Q5N6 □ P01  | 5.6               | 8                                 | 500                        | 10                      | 13  | 14  | 18  | 19  | 4000                                        | 1.20                          | 160                              |
| HQ0201Q6N2 □ P01  | 6.2               | 8                                 | 500                        | 10                      | 13  | 14  | 18  | 20  | 4000                                        | 1.30                          | 150                              |
| HQ0201Q6N8 □ P01  | 6.8               | 8                                 | 500                        | 10                      | 13  | 14  | 19  | 20  | 3900                                        | 1.50                          | 140                              |
| HQ0201Q7N5 □ P01  | 7.5               | 8                                 | 500                        | 10                      | 13  | 17  | 19  | 21  | 3900                                        | 1.50                          | 140                              |
| HQ0201Q8N2 □ P01  | 8.2               | 8                                 | 500                        | 10                      | 13  | 17  | 19  | 20  | 3900                                        | 1.50                          | 140                              |
| HQ0201Q9N1 □ P01  | 9.1               | 7                                 | 500                        | 10                      | 13  | 17  | 18  | 20  | 3700                                        | 2.00                          | 130                              |
| HQ0201Q10N □ P01  | 10                | 7                                 | 500                        | 10                      | 13  | 17  | 18  | 19  | 3700                                        | 2.00                          | 130                              |

※ □ : 请指定电感量精度。当  $L \leq 4.2\text{nH}$  时, 选择  $B = \pm 0.1\text{nH}$ ,  $C = \pm 0.2\text{nH}$  或  $S = \pm 0.3\text{nH}$ ; 当  $4.2\text{nH} < L < 5.6\text{nH}$  时, 选择  $H = \pm 3\%$ ,  $J = \pm 5\%$  或  $S = \pm 0.3\text{nH}$ ; 当  $L \geq 5.6\text{nH}$  时, 选择  $H = \pm 3\%$ ,  $J = \pm 5\%$ 。  
※ □ : Please specify the inductance tolerance. For  $L \leq 4.2\text{nH}$ , choose  $B = \pm 0.1\text{nH}$ ,  $C = \pm 0.2\text{nH}$  or  $S = \pm 0.3\text{nH}$ ; For  $4.2\text{nH} < L < 5.6\text{nH}$ , choose,  $H = \pm 3\%$ ,  $J = \pm 5\%$  or  $S = \pm 0.3\text{nH}$ ; For  $L \geq 5.6\text{nH}$ , choose,  $H = \pm 3\%$ ,  $J = \pm 5\%$ .

※: 请参阅“射频电感器的测量注意事项”。  
※: Please refer to "Measurement Notice for RF Inductors".

## 规格特性 Specifications

### HQ0402Q Series

| 型号<br>Part Number | 电感量<br>Inductance | 品质因子<br>Min. Quality Factor | 测试频率<br>L, Q Test Freq. | Typical Q @ Freq. (GHz) |     |     |     |     | 自谐频率<br>Min. Self-resonant Frequency | 直流电阻<br>Max. DC Resistance | 额定电流<br>Max. Rated Current |
|-------------------|-------------------|-----------------------------|-------------------------|-------------------------|-----|-----|-----|-----|--------------------------------------|----------------------------|----------------------------|
|                   |                   |                             |                         | 0.5                     | 0.8 | 1.8 | 2.0 | 2.4 |                                      |                            |                            |
| 单位 Units          | nH                | -                           | MHz                     | -                       |     |     |     |     | MHz                                  | Ω                          | mA                         |
| 符号 Symbol         | L                 | Q                           | Freq.                   | Q                       |     |     |     |     | S.R.F                                | DCR                        | I <sub>r</sub>             |
| HQ0402Q0N2 □◎ 01  | 0.2               | -                           | 500                     | -                       | -   | -   | -   | -   | 17000                                | 0.01                       | 1000                       |
| HQ0402Q0N3 □◎ 01  | 0.3               | -                           | 500                     | -                       | -   | -   | -   | -   | 17000                                | 0.015                      | 1000                       |
| HQ0402Q0N4 □◎ 01  | 0.4               | -                           | 500                     | -                       | -   | -   | -   | -   | 17000                                | 0.03                       | 1000                       |
| HQ0402Q0N5 □◎ 01  | 0.5               | -                           | 500                     | -                       | -   | -   | -   | -   | 17000                                | 0.04                       | 1000                       |
| HQ0402Q0N6 □◎ 01  | 0.6               | 14                          | 500                     | 28                      | 31  | 44  | 48  | 55  | 17000                                | 0.05                       | 950                        |
| HQ0402Q0N7 □◎ 01  | 0.7               | 14                          | 500                     | 25                      | 29  | 41  | 44  | 51  | 15500                                | 0.05                       | 900                        |
| HQ0402Q0N8 □◎ 01  | 0.8               | 14                          | 500                     | 23                      | 27  | 39  | 43  | 48  | 15500                                | 0.05                       | 900                        |
| HQ0402Q0N9 □◎ 01  | 0.9               | 14                          | 500                     | 21                      | 25  | 37  | 40  | 45  | 14600                                | 0.05                       | 900                        |
| HQ0402Q1N0 □◎ 01  | 1.0               | 14                          | 500                     | 20                      | 24  | 36  | 39  | 44  | 13200                                | 0.05                       | 900                        |
| HQ0402Q1N1 □◎ 01  | 1.1               | 14                          | 500                     | 22                      | 26  | 40  | 42  | 48  | 13000                                | 0.07                       | 850                        |
| HQ0402Q1N2 □◎ 01  | 1.2               | 14                          | 500                     | 20                      | 25  | 37  | 40  | 46  | 13000                                | 0.07                       | 800                        |
| HQ0402Q1N3 □◎ 01  | 1.3               | 14                          | 500                     | 21                      | 26  | 39  | 42  | 48  | 12700                                | 0.08                       | 700                        |
| HQ0402Q1N4 □◎ 01  | 1.4               | 14                          | 500                     | 21                      | 25  | 38  | 42  | 47  | 12700                                | 0.08                       | 700                        |
| HQ0402Q1N5 □◎ 01  | 1.5               | 14                          | 500                     | 20                      | 25  | 37  | 40  | 46  | 12700                                | 0.08                       | 700                        |
| HQ0402Q1N6 □◎ 01  | 1.6               | 14                          | 500                     | 19                      | 23  | 35  | 37  | 42  | 11000                                | 0.08                       | 700                        |
| HQ0402Q1N7 □◎ 01  | 1.7               | 14                          | 500                     | 20                      | 24  | 37  | 39  | 44  | 11000                                | 0.08                       | 700                        |
| HQ0402Q1N8 □◎ 01  | 1.8               | 14                          | 500                     | 22                      | 28  | 43  | 46  | 50  | 10200                                | 0.08                       | 700                        |
| HQ0402Q1N9 □◎ 01  | 1.9               | 14                          | 500                     | 24                      | 30  | 46  | 50  | 55  | 10200                                | 0.08                       | 700                        |
| HQ0402Q2N0 □◎ 01  | 2.0               | 14                          | 500                     | 22                      | 27  | 41  | 44  | 48  | 10100                                | 0.1                        | 700                        |
| HQ0402Q2N1 □◎ 01  | 2.1               | 14                          | 500                     | 24                      | 29  | 45  | 48  | 54  | 10100                                | 0.1                        | 650                        |
| HQ0402Q2N2 □◎ 01  | 2.2               | 14                          | 500                     | 22                      | 27  | 42  | 45  | 49  | 9800                                 | 0.2                        | 500                        |
| HQ0402Q2N3 □◎ 01  | 2.3               | 14                          | 500                     | 24                      | 30  | 46  | 50  | 55  | 9800                                 | 0.2                        | 450                        |
| HQ0402Q2N4 □◎ 01  | 2.4               | 14                          | 500                     | 20                      | 25  | 39  | 42  | 46  | 9500                                 | 0.2                        | 450                        |
| HQ0402Q2N5 □◎ 01  | 2.5               | 14                          | 500                     | 19                      | 24  | 39  | 42  | 46  | 9500                                 | 0.2                        | 450                        |
| HQ0402Q2N6 □◎ 01  | 2.6               | 14                          | 500                     | 19                      | 24  | 39  | 42  | 46  | 9500                                 | 0.2                        | 450                        |
| HQ0402Q2N7 □◎ 01  | 2.7               | 14                          | 500                     | 20                      | 25  | 39  | 41  | 45  | 8800                                 | 0.2                        | 450                        |
| HQ0402Q2N8 □◎ 01  | 2.8               | 14                          | 500                     | 19                      | 25  | 40  | 44  | 47  | 8800                                 | 0.2                        | 450                        |
| HQ0402Q2N9 □◎ 01  | 2.9               | 14                          | 500                     | 19                      | 25  | 40  | 44  | 47  | 8800                                 | 0.2                        | 450                        |
| HQ0402Q3N0 □◎ 01  | 3.0               | 14                          | 500                     | 20                      | 26  | 40  | 43  | 46  | 8500                                 | 0.2                        | 450                        |
| HQ0402Q3N1 □◎ 01  | 3.1               | 14                          | 500                     | 20                      | 25  | 41  | 43  | 45  | 8500                                 | 0.25                       | 400                        |
| HQ0402Q3N2 □◎ 01  | 3.2               | 14                          | 500                     | 20                      | 26  | 41  | 44  | 47  | 8500                                 | 0.25                       | 400                        |
| HQ0402Q3N3 □◎ 01  | 3.3               | 14                          | 500                     | 20                      | 26  | 42  | 44  | 48  | 8200                                 | 0.25                       | 400                        |
| HQ0402Q3N4 □◎ 01  | 3.4               | 14                          | 500                     | 20                      | 26  | 42  | 44  | 48  | 8200                                 | 0.3                        | 400                        |
| HQ0402Q3N5 □◎ 01  | 3.5               | 14                          | 500                     | 20                      | 26  | 42  | 44  | 48  | 8200                                 | 0.3                        | 350                        |
| HQ0402Q3N6 □◎ 01  | 3.6               | 14                          | 500                     | 20                      | 27  | 42  | 44  | 48  | 8200                                 | 0.3                        | 350                        |
| HQ0402Q3N7 □◎ 01  | 3.7               | 14                          | 500                     | 19                      | 25  | 41  | 43  | 49  | 8200                                 | 0.35                       | 350                        |
| HQ0402Q3N8 □◎ 01  | 3.8               | 14                          | 500                     | 18                      | 23  | 37  | 39  | 43  | 8200                                 | 0.35                       | 350                        |
| HQ0402Q3N9 □◎ 01  | 3.9               | 14                          | 500                     | 19                      | 24  | 37  | 39  | 42  | 7700                                 | 0.35                       | 350                        |
| HQ0402Q4N0 □◎ 01  | 4.0               | 14                          | 500                     | 18                      | 24  | 38  | 41  | 44  | 6900                                 | 0.35                       | 350                        |
| HQ0402Q4N1 □◎ 01  | 4.1               | 14                          | 500                     | 19                      | 24  | 38  | 41  | 44  | 6900                                 | 0.35                       | 350                        |
| HQ0402Q4N2 □◎ 01  | 4.2               | 14                          | 500                     | 18                      | 23  | 37  | 39  | 45  | 6900                                 | 0.35                       | 350                        |
| HQ0402Q4N3 □◎ 01  | 4.3               | 14                          | 500                     | 19                      | 24  | 37  | 39  | 42  | 6900                                 | 0.35                       | 350                        |
| HQ0402Q4N7 □◎ 01  | 4.7               | 14                          | 500                     | 18                      | 23  | 36  | 38  | 41  | 6700                                 | 0.35                       | 350                        |
| HQ0402Q5N1 □◎ 01  | 5.1               | 14                          | 500                     | 18                      | 24  | 36  | 38  | 41  | 6600                                 | 0.35                       | 350                        |
| HQ0402Q5N6 □◎ 01  | 5.6               | 14                          | 500                     | 18                      | 24  | 35  | 37  | 40  | 6100                                 | 0.4                        | 300                        |
| HQ0402Q6N2 □◎ 01  | 6.2               | 14                          | 500                     | 17                      | 22  | 32  | 34  | 37  | 6000                                 | 0.4                        | 300                        |
| HQ0402Q6N8 □◎ 01  | 6.8               | 14                          | 500                     | 17                      | 22  | 33  | 35  | 37  | 5700                                 | 0.4                        | 300                        |
| HQ0402Q7N5 □◎ 01  | 7.5               | 14                          | 500                     | 17                      | 23  | 34  | 36  | 38  | 5600                                 | 0.5                        | 300                        |
| HQ0402Q8N2 □◎ 01  | 8.2               | 14                          | 500                     | 17                      | 21  | 30  | 31  | 33  | 5100                                 | 0.5                        | 300                        |
| HQ0402Q9N1 □◎ 01  | 9.1               | 14                          | 500                     | 17                      | 22  | 31  | 32  | 33  | 4900                                 | 0.5                        | 300                        |

## 规格特性

### Specifications

#### HQ0402Q Series

| 型号<br>Part Number | 电感量<br>Inductance | 品质因子<br>Min.<br>Quality<br>Factor | 测试频率<br>L, Q Test<br>Freq. | Typical Q @ Freq. (GHz) |     |     |     |     | 自谐振频率<br>Min. Self-<br>resonant<br>Frequency | 直流电阻<br>Max. DC<br>Resistance | 额定电流<br>Max.<br>Rated<br>Current |
|-------------------|-------------------|-----------------------------------|----------------------------|-------------------------|-----|-----|-----|-----|----------------------------------------------|-------------------------------|----------------------------------|
|                   |                   |                                   |                            | 0.5                     | 0.8 | 1.8 | 2.0 | 2.4 |                                              |                               |                                  |
| 单位 Units          | nH                | -                                 | MHz                        | -                       |     |     |     |     | MHz                                          | $\Omega$                      | mA                               |
| 符号 Symbol         | L                 | Q                                 | Freq.                      | Q                       |     |     |     |     | S.R.F                                        | DCR                           | I <sub>r</sub>                   |
| HQ0402Q10N □□ 01  | 10                | 14                                | 500                        | 17                      | 22  | 32  | 33  | 34  | 4900                                         | 0.6                           | 250                              |
| HQ0402Q11N □□ 01  | 11                | 14                                | 500                        | 15                      | 20  | 30  | 31  | 33  | 4000                                         | 0.8                           | 250                              |
| HQ0402Q12N □□ 01  | 12                | 14                                | 500                        | 17                      | 21  | 30  | 31  | 32  | 4000                                         | 0.82                          | 230                              |
| HQ0402Q13N □□ 01  | 13                | 14                                | 500                        | 15                      | 20  | 30  | 31  | 32  | 4000                                         | 0.99                          | 210                              |
| HQ0402Q15N □□ 01  | 15                | 12                                | 500                        | 17                      | 21  | 29  | 30  | 30  | 4000                                         | 1.53                          | 170                              |
| HQ0402Q16N □□ 01  | 16                | 12                                | 500                        | 16                      | 20  | 29  | 30  | 29  | 4000                                         | 1.53                          | 170                              |
| HQ0402Q18N □□ 01  | 18                | 12                                | 500                        | 17                      | 21  | 29  | 29  | 29  | 3700                                         | 1.63                          | 160                              |
| HQ0402Q20N □□ 01  | 20                | 12                                | 500                        | 16                      | 19  | 25  | 24  | 23  | 3000                                         | 2.26                          | 140                              |
| HQ0402Q22N □□ 01  | 22                | 12                                | 500                        | 16                      | 19  | 25  | 24  | 22  | 3000                                         | 2.26                          | 140                              |
| HQ0402Q24N □□ 01  | 24                | 12                                | 500                        | 15                      | 18  | 23  | 21  | 20  | 2900                                         | 2.6                           | 120                              |
| HQ0402Q27N □□ 01  | 27                | 12                                | 500                        | 15                      | 18  | 22  | 20  | 17  | 2900                                         | 2.6                           | 120                              |
| HQ0402Q30N □□ 01  | 30                | 10                                | 500                        | 13                      | 16  | 18  | 19  | 20  | 2600                                         | 3.2                           | 120                              |
| HQ0402Q33N □□ 01  | 33                | 10                                | 300                        | 13                      | 16  | 20  | 19  | 20  | 2600                                         | 3.2                           | 120                              |
| HQ0402Q36N □□ 01  | 36                | 10                                | 300                        | 13                      | 15  | 16  | 15  | 12  | 2400                                         | 3.6                           | 110                              |
| HQ0402Q39N □□ 01  | 39                | 10                                | 300                        | 13                      | 15  | 16  | 15  | 10  | 2400                                         | 3.6                           | 120                              |
| HQ0402Q43N □□ 01  | 43                | 8                                 | 300                        | 12                      | 14  | 13  | 12  | 7   | 2100                                         | 4.0                           | 100                              |
| HQ0402Q47N □□ 01  | 47                | 8                                 | 300                        | 12                      | 14  | 13  | 11  | 6   | 2100                                         | 4.0                           | 100                              |
| HQ0402Q51N □□ 01  | 51                | 8                                 | 300                        | 12                      | 14  | 11  | 9   | 4   | 1900                                         | 4.2                           | 100                              |
| HQ0402Q56N □□ 01  | 56                | 8                                 | 300                        | 12                      | 14  | 10  | 8   | -   | 1900                                         | 4.2                           | 100                              |

※ □ : 请指定电感量精度。当  $L \leq 2.5\text{nH}$  时, 选择  $W = \pm 0.05\text{nH}$ ,  $B = \pm 0.1\text{nH}$ ,  $C = \pm 0.2\text{nH}$  或  $S = \pm 0.3\text{nH}$ ; 当  $2.5\text{nH} < L \leq 4.2\text{nH}$  时, 选择  $B = \pm 0.1\text{nH}$ ,  $C = \pm 0.2\text{nH}$  或  $S = \pm 0.3\text{nH}$ ; 当  $4.2\text{nH} < L < 5.6\text{nH}$  时, 选择  $H = \pm 3\%$ ,  $J = \pm 5\%$  或  $S = \pm 0.3\text{nH}$ ; 当  $L \geq 5.6\text{nH}$  时, 选择  $H = \pm 3\%$ ,  $J = \pm 5\%$ 。

※ □ : Please specify the inductance tolerance. For  $L \leq 2.5\text{nH}$ , choose  $W = \pm 0.05\text{nH}$ ,  $B = \pm 0.1\text{nH}$ ,  $C = \pm 0.2\text{nH}$  or  $S = \pm 0.3\text{nH}$ ; For  $2.5\text{nH} < L \leq 4.2\text{nH}$ , choose  $B = \pm 0.1\text{nH}$ ,  $C = \pm 0.2\text{nH}$  or  $S = \pm 0.3\text{nH}$ ; For  $4.2\text{nH} < L < 5.6\text{nH}$ , choose,  $H = \pm 3\%$ ,  $J = \pm 5\%$  or  $S = \pm 0.3\text{nH}$ ; For  $L \geq 5.6\text{nH}$ , choose,  $H = \pm 3\%$ ,  $J = \pm 5\%$ 。

※ ◎ : 对于 0402 的产品, 请注明包装: T 指纸带, P 指塑料带载体包装。

※ ◎ : For the product of 0402, please specify the Packing: T means Paper Tape, P means Plastic Tape Carrier Package.

※: 请参阅“射频电感器的测量注意事项”。

※: Please refer to "Measurement Notice For RF Inductors".

#### HQ0603Q Series

| 型号<br>Part Number | 电感量<br>Inductance | 品质因子<br>Min.<br>Quality<br>Factor | 测试频率<br>L, Q Test<br>Freq. | Typical Q @ Freq. (GHz) |     |     |     |     | 自谐振频率<br>Min. Self-<br>resonant<br>Frequency | 直流电阻<br>Max. DC<br>Resistance | 额定电流<br>Max.<br>Rated<br>Current |
|-------------------|-------------------|-----------------------------------|----------------------------|-------------------------|-----|-----|-----|-----|----------------------------------------------|-------------------------------|----------------------------------|
|                   |                   |                                   |                            | 0.5                     | 0.8 | 1.8 | 2.0 | 2.4 |                                              |                               |                                  |
| 单位 Units          | nH                | -                                 | MHz                        | -                       |     |     |     |     | MHz                                          | $\Omega$                      | mA                               |
| 符号 Symbol         | L                 | Q                                 | Freq.                      | Q                       |     |     |     |     | S.R.F                                        | DCR                           | I <sub>r</sub>                   |
| HQ0603Q0N5 □ T01  | 0.5               | 20                                | 500                        | -                       | -   | -   | -   | -   | 20000                                        | 0.04                          | 1100                             |
| HQ0603Q0N6 □ T01  | 0.6               | 20                                | 500                        | -                       | -   | -   | -   | -   | 20000                                        | 0.04                          | 1100                             |
| HQ0603Q0N7 □ T01  | 0.7               | 20                                | 500                        | -                       | -   | -   | -   | -   | 20000                                        | 0.04                          | 1100                             |
| HQ0603Q0N8 □ T01  | 0.8               | 20                                | 500                        | -                       | -   | -   | -   | -   | 18000                                        | 0.04                          | 1100                             |
| HQ0603Q0N9 □ T01  | 0.9               | 20                                | 500                        | -                       | -   | -   | -   | -   | 18000                                        | 0.04                          | 1100                             |
| HQ0603Q1N0 □ T01  | 1.0               | 20                                | 500                        | 47                      | 60  | 92  | 99  | 110 | 16000                                        | 0.04                          | 1100                             |
| HQ0603Q1N1 □ T01  | 1.1               | 20                                | 500                        | 46                      | 58  | 90  | 95  | 104 | 14000                                        | 0.04                          | 1100                             |
| HQ0603Q1N2 □ T01  | 1.2               | 20                                | 500                        | 45                      | 56  | 88  | 92  | 100 | 13000                                        | 0.04                          | 1100                             |
| HQ0603Q1N3 □ T01  | 1.3               | 20                                | 500                        | 45                      | 56  | 88  | 93  | 102 | 13000                                        | 0.04                          | 1100                             |
| HQ0603Q1N4 □ T01  | 1.4               | 20                                | 500                        | 42                      | 55  | 89  | 95  | 103 | 12000                                        | 0.04                          | 1100                             |
| HQ0603Q1N5 □ T01  | 1.5               | 20                                | 500                        | 42                      | 54  | 86  | 90  | 100 | 12000                                        | 0.05                          | 1000                             |
| HQ0603Q1N6 □ T01  | 1.6               | 20                                | 500                        | 41                      | 52  | 80  | 83  | 92  | 10000                                        | 0.05                          | 1000                             |
| HQ0603Q1N7 □ T01  | 1.7               | 20                                | 500                        | 39                      | 49  | 75  | 79  | 86  | 10000                                        | 0.07                          | 800                              |
| HQ0603Q1N8 □ T01  | 1.8               | 20                                | 500                        | 38                      | 45  | 72  | 75  | 81  | 10000                                        | 0.08                          | 800                              |
| HQ0603Q1N9 □ T01  | 1.9               | 20                                | 500                        | 36                      | 46  | 71  | 74  | 81  | 10000                                        | 0.12                          | 600                              |
| HQ0603Q2N0 □ T01  | 2.0               | 20                                | 500                        | 36                      | 45  | 68  | 70  | 77  | 9000                                         | 0.12                          | 600                              |
| HQ0603Q2N1 □ T01  | 2.1               | 20                                | 500                        | 36                      | 45  | 67  | 71  | 76  | 9000                                         | 0.12                          | 600                              |
| HQ0603Q2N2 □ T01  | 2.2               | 20                                | 500                        | 36                      | 45  | 67  | 69  | 76  | 9000                                         | 0.12                          | 600                              |

## 规格特性 Specifications

### HQ0603Q Series

| 型号<br>Part Number | 电感量<br>Inductance | 品质因子<br>Min. Quality Factor | 测试频率<br>L, Q Test Freq. | Typical Q @ Freq. (GHz) |     |     |     |     | 自谐频率<br>Min. Self-resonant Frequency | 直流电阻<br>Max. DC Resistance | 额定电流<br>Max. Rated Current |
|-------------------|-------------------|-----------------------------|-------------------------|-------------------------|-----|-----|-----|-----|--------------------------------------|----------------------------|----------------------------|
|                   |                   |                             |                         | 0.5                     | 0.8 | 1.8 | 2.0 | 2.4 |                                      |                            |                            |
| 单位 Units          | nH                | -                           | MHz                     | -                       |     |     |     |     | MHz                                  | Ω                          | mA                         |
| 符号 Symbol         | L                 | Q                           | Freq.                   | Q                       |     |     |     |     | S.R.F                                | DCR                        | I <sub>r</sub>             |
| HQ0603Q2N3 □ T01  | 2.3               | 20                          | 500                     | 37                      | 46  | 68  | 71  | 76  | 9000                                 | 0.12                       | 600                        |
| HQ0603Q2N4 □ T01  | 2.4               | 20                          | 500                     | 39                      | 48  | 72  | 75  | 82  | 9000                                 | 0.12                       | 600                        |
| HQ0603Q2N5 □ T01  | 2.5               | 20                          | 500                     | 38                      | 47  | 70  | 73  | 80  | 9000                                 | 0.12                       | 600                        |
| HQ0603Q2N6 □ T01  | 2.6               | 20                          | 500                     | 35                      | 43  | 64  | 66  | 72  | 9000                                 | 0.12                       | 600                        |
| HQ0603Q2N7 □ T01  | 2.7               | 20                          | 500                     | 36                      | 44  | 65  | 68  | 73  | 9000                                 | 0.12                       | 600                        |
| HQ0603Q2N8 □ T01  | 2.8               | 20                          | 500                     | 34                      | 43  | 63  | 65  | 70  | 8000                                 | 0.12                       | 600                        |
| HQ0603Q2N9 □ T01  | 2.9               | 20                          | 500                     | 36                      | 45  | 65  | 66  | 72  | 8000                                 | 0.12                       | 600                        |
| HQ0603Q3N0 □ T01  | 3.0               | 20                          | 500                     | 36                      | 44  | 65  | 66  | 72  | 8000                                 | 0.12                       | 600                        |
| HQ0603Q3N1 □ T01  | 3.1               | 20                          | 500                     | 34                      | 42  | 62  | 64  | 69  | 7500                                 | 0.17                       | 500                        |
| HQ0603Q3N2 □ T01  | 3.2               | 20                          | 500                     | 33                      | 42  | 63  | 66  | 72  | 7000                                 | 0.17                       | 500                        |
| HQ0603Q3N3 □ T01  | 3.3               | 20                          | 500                     | 34                      | 45  | 73  | 77  | 89  | 7000                                 | 0.17                       | 500                        |
| HQ0603Q3N4 □ T01  | 3.4               | 20                          | 500                     | 33                      | 41  | 59  | 61  | 66  | 7000                                 | 0.17                       | 500                        |
| HQ0603Q3N5 □ T01  | 3.5               | 20                          | 500                     | 33                      | 41  | 59  | 61  | 65  | 7000                                 | 0.17                       | 500                        |
| HQ0603Q3N6 □ T01  | 3.6               | 20                          | 500                     | 32                      | 42  | 59  | 61  | 65  | 7000                                 | 0.17                       | 500                        |
| HQ0603Q3N7 □ T01  | 3.7               | 20                          | 500                     | 32                      | 40  | 59  | 60  | 65  | 7000                                 | 0.17                       | 500                        |
| HQ0603Q3N8 □ T01  | 3.8               | 20                          | 500                     | 31                      | 38  | 60  | 62  | 70  | 7000                                 | 0.17                       | 500                        |
| HQ0603Q3N9 □ T01  | 3.9               | 20                          | 500                     | 30                      | 39  | 61  | 64  | 72  | 7000                                 | 0.17                       | 500                        |
| HQ0603Q4N0 □ T01  | 4.0               | 20                          | 500                     | 33                      | 41  | 59  | 61  | 66  | 7000                                 | 0.17                       | 500                        |
| HQ0603Q4N1 □ T01  | 4.1               | 20                          | 500                     | 30                      | 38  | 56  | 58  | 62  | 7000                                 | 0.17                       | 500                        |
| HQ0603Q4N2 □ T01  | 4.2               | 20                          | 500                     | 31                      | 39  | 57  | 59  | 63  | 7000                                 | 0.17                       | 500                        |
| HQ0603Q4N3 □ T01  | 4.3               | 20                          | 500                     | 32                      | 40  | 58  | 59  | 64  | 7000                                 | 0.17                       | 500                        |
| HQ0603Q4N4 □ T01  | 4.4               | 20                          | 500                     | 32                      | 40  | 58  | 59  | 64  | 7000                                 | 0.25                       | 400                        |
| HQ0603Q4N5 □ T01  | 4.5               | 20                          | 500                     | 32                      | 40  | 58  | 59  | 64  | 7000                                 | 0.25                       | 400                        |
| HQ0603Q4N6 □ T01  | 4.6               | 20                          | 500                     | 32                      | 40  | 58  | 59  | 64  | 7000                                 | 0.25                       | 400                        |
| HQ0603Q4N7 □ T01  | 4.7               | 20                          | 500                     | 31                      | 39  | 58  | 58  | 63  | 7000                                 | 0.25                       | 400                        |
| HQ0603Q4N8 □ T01  | 4.8               | 20                          | 500                     | 31                      | 39  | 58  | 58  | 63  | 5500                                 | 0.25                       | 400                        |
| HQ0603Q4N9 □ T01  | 4.9               | 20                          | 500                     | 31                      | 39  | 58  | 58  | 63  | 5500                                 | 0.25                       | 400                        |
| HQ0603Q5N0 □ T01  | 5.0               | 20                          | 500                     | 31                      | 39  | 58  | 58  | 63  | 5500                                 | 0.25                       | 400                        |
| HQ0603Q5N1 □ T01  | 5.1               | 20                          | 500                     | 32                      | 39  | 55  | 56  | 59  | 5500                                 | 0.25                       | 400                        |
| HQ0603Q5N6 □ T01  | 5.6               | 20                          | 500                     | 32                      | 40  | 56  | 57  | 57  | 5500                                 | 0.25                       | 400                        |
| HQ0603Q6N2 □ T01  | 6.2               | 20                          | 500                     | 29                      | 36  | 51  | 52  | 55  | 5500                                 | 0.25                       | 400                        |
| HQ0603Q6N8 □ T01  | 6.8               | 20                          | 500                     | 29                      | 36  | 50  | 51  | 53  | 5500                                 | 0.30                       | 400                        |
| HQ0603Q7N5 □ T01  | 7.5               | 20                          | 500                     | 28                      | 36  | 50  | 52  | 53  | 4500                                 | 0.30                       | 400                        |
| HQ0603Q8N2 □ T01  | 8.2               | 20                          | 500                     | 29                      | 37  | 51  | 51  | 52  | 4500                                 | 0.40                       | 300                        |
| HQ0603Q9N1 □ T01  | 9.1               | 20                          | 500                     | 27                      | 35  | 48  | 50  | 51  | 4500                                 | 0.40                       | 300                        |
| HQ0603Q10N □ T01  | 10                | 20                          | 500                     | 28                      | 36  | 48  | 49  | 47  | 4500                                 | 0.40                       | 300                        |
| HQ0603Q11N □ T01  | 11                | 20                          | 500                     | 28                      | 36  | 48  | 49  | 47  | 4000                                 | 0.50                       | 300                        |
| HQ0603Q12N □ T01  | 12                | 20                          | 500                     | 29                      | 36  | 48  | 49  | 48  | 4000                                 | 0.50                       | 300                        |
| HQ0603Q13N □ T01  | 13                | 20                          | 500                     | 28                      | 35  | 45  | 46  | 43  | 4000                                 | 0.50                       | 300                        |
| HQ0603Q15N □ T01  | 15                | 20                          | 500                     | 27                      | 34  | 41  | 40  | 37  | 3500                                 | 0.7                        | 300                        |
| HQ0603Q16N □ T01  | 16                | 20                          | 500                     | 27                      | 34  | 41  | 40  | 36  | 3500                                 | 0.8                        | 250                        |
| HQ0603Q18N □ T01  | 18                | 20                          | 500                     | 28                      | 35  | 41  | 39  | 35  | 3500                                 | 0.8                        | 250                        |
| HQ0603Q20N □ T01  | 20                | 20                          | 500                     | 26                      | 33  | 38  | 37  | 30  | 3000                                 | 0.8                        | 250                        |
| HQ0603Q22N □ T01  | 22                | 20                          | 500                     | 25                      | 31  | 35  | 33  | 29  | 3000                                 | 0.82                       | 250                        |
| HQ0603Q24N □ T01  | 24                | 15                          | 500                     | 27                      | 32  | 32  | 29  | 22  | 2000                                 | 1.6                        | 170                        |
| HQ0603Q27N □ T01  | 27                | 15                          | 500                     | 25                      | 30  | 29  | 25  | 17  | 2000                                 | 1.6                        | 170                        |
| HQ0603Q30N □ T01  | 30                | 12                          | 500                     | 27                      | 31  | 26  | 21  | 11  | 1700                                 | 2.0                        | 150                        |
| HQ0603Q33N □ T01  | 33                | 12                          | 300                     | 26                      | 31  | 23  | 19  | 8   | 1700                                 | 2.0                        | 150                        |
| HQ0603Q36N □ T01  | 36                | 12                          | 300                     | 24                      | 28  | 20  | 13  | -   | 1500                                 | 2.0                        | 150                        |
| HQ0603Q39N □ T01  | 39                | 12                          | 300                     | 25                      | 29  | 17  | 11  | -   | 1500                                 | 2.0                        | 150                        |

## 规格特性 Specifications

### HQ0603Q Series

| 型号<br>Part Number | 电感量<br>Inductance | 品质因子<br>Min.<br>Quality<br>Factor | 测试频率<br>L, Q Test<br>Freq. | Typical Q @ Freq. (GHz) |     |     |     |     | 自谐振频率<br>Min. Self-<br>resonant<br>Frequency | 直流电阻<br>Max. DC<br>Resistance | 额定电流<br>Max.<br>Rated<br>Current |
|-------------------|-------------------|-----------------------------------|----------------------------|-------------------------|-----|-----|-----|-----|----------------------------------------------|-------------------------------|----------------------------------|
|                   |                   |                                   |                            | 0.5                     | 0.8 | 1.8 | 2.0 | 2.4 |                                              |                               |                                  |
| 单位 Units          | nH                | -                                 | MHz                        | -                       |     |     |     |     | MHz                                          | $\Omega$                      | mA                               |
| 符号 Symbol         | L                 | Q                                 | Freq.                      | Q                       |     |     |     |     | S.R.F                                        | DCR                           | I <sub>r</sub>                   |
| HQ0603Q43N □ T01  | 43                | 12                                | 300                        | 25                      | 28  | 15  | 10  | -   | 1300                                         | 2.5                           | 130                              |
| HQ0603Q47N □ T01  | 47                | 12                                | 300                        | 25                      | 28  | 14  | 7   | -   | 1300                                         | 2.5                           | 130                              |
| HQ0603Q51N □ T01  | 51                | 12                                | 300                        | 25                      | 29  | 12  | 6   | -   | 1200                                         | 2.5                           | 130                              |
| HQ0603Q56N □ T01  | 56                | 12                                | 300                        | 24                      | 27  | 10  | 2   | -   | 1200                                         | 2.5                           | 130                              |
| HQ0603Q62N □ T01  | 62                | 12                                | 300                        | 22                      | 25  | 7   | 1   | -   | 1100                                         | 5                             | 100                              |
| HQ0603Q68N □ T01  | 68                | 12                                | 300                        | 21                      | 24  | 2   | -   | -   | 1100                                         | 5                             | 100                              |
| HQ0603Q75N □ T01  | 75                | 10                                | 300                        | 22                      | 24  | 1   | -   | -   | 1100                                         | 5                             | 100                              |
| HQ0603Q82N □ T01  | 82                | 10                                | 300                        | 20                      | 20  | -   | -   | -   | 1000                                         | 5                             | 100                              |
| HQ0603Q91N □ T01  | 91                | 10                                | 300                        | 19                      | 19  | -   | -   | -   | 1000                                         | 7                             | 80                               |
| HQ0603QR10 □ T01  | 100               | 10                                | 300                        | 18                      | 17  | -   | -   | -   | 900                                          | 7                             | 80                               |
| HQ0603QR11 □ T01  | 110               | 10                                | 300                        | 19                      | 18  | -   | -   | -   | 900                                          | 8                             | 80                               |
| HQ0603QR12 □ T01  | 120               | 10                                | 300                        | 18                      | 17  | -   | -   | -   | 800                                          | 8                             | 80                               |
| HQ0603QR13 □ T01  | 130               | 7                                 | 100                        | 16                      | 14  | -   | -   | -   | 700                                          | 8                             | 80                               |
| HQ0603QR15 □ T01  | 150               | 7                                 | 100                        | 17                      | 13  | -   | -   | -   | 700                                          | 8                             | 80                               |

※ □: 请指定电感量精度。当  $L \leq 4.2\text{nH}$  时, 选择  $B = \pm 0.1\text{nH}$ ,  $C = \pm 0.2\text{nH}$  或  $S = \pm 0.3\text{nH}$ ; 当  $L > 4.2\text{nH}$  时, 选择  $H = \pm 3\%$ ,  $J = \pm 5\%$ 。

※ □: Please specify the inductance tolerance. For  $L \leq 4.2\text{nH}$ , choose  $B = \pm 0.1\text{nH}$ ,  $C = \pm 0.2\text{nH}$  or  $S = \pm 0.3\text{nH}$ ; For  $L > 4.2\text{nH}$  choose,  $H = \pm 3\%$ ,  $J = \pm 5\%$ .

※: 请参阅“射频电感器的测量注意事项”。

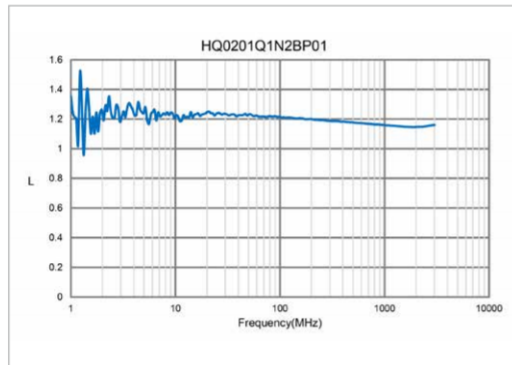
※: Please refer to "Measurement Notice For RF Inductors".

## 电气特性

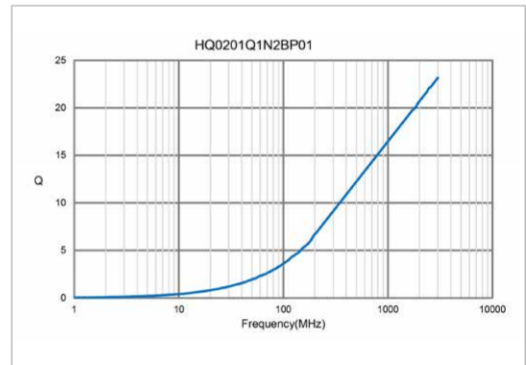
Typical  
Electrical  
Characteristics

### HQ0201Q Series

#### Inductance-Frequency Characteristics(Typ.)

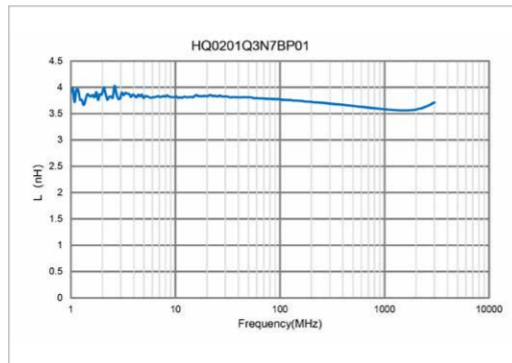


#### Q-Frequency Characteristics(Typ.)

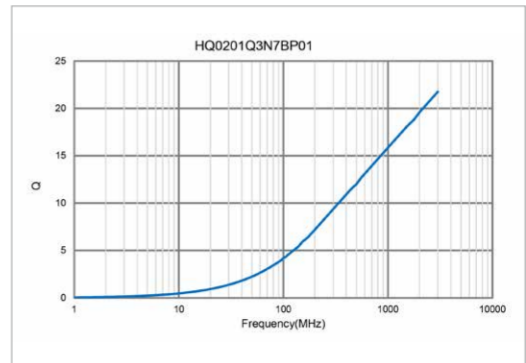


### HQ0201Q Series

#### Inductance-Frequency Characteristics(Typ.)



#### Q-Frequency Characteristics(Typ.)

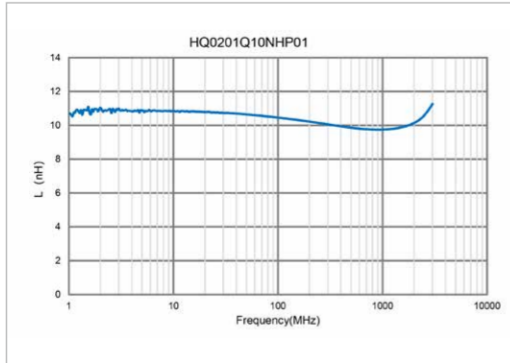


## 电气特性

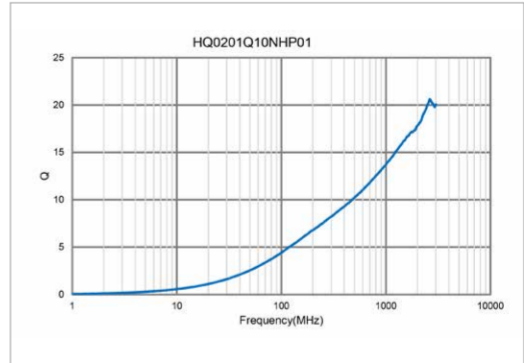
Typical  
Electrical  
Characteristics

### HQ0201Q Series

Inductance-Frequency Characteristics(Typ.)

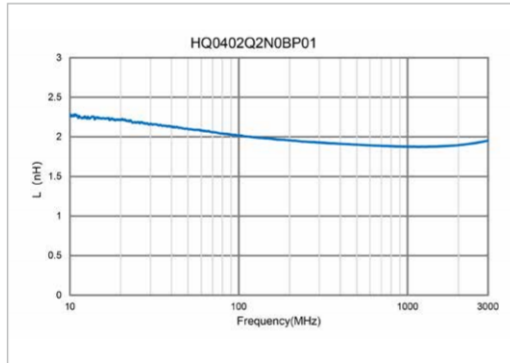


Q-Frequency Characteristics(Typ.)

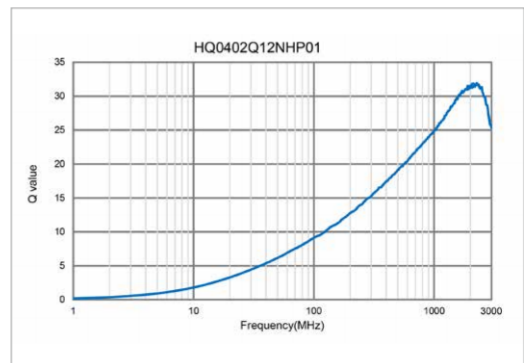
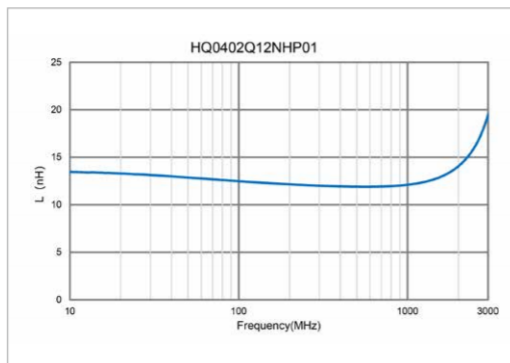
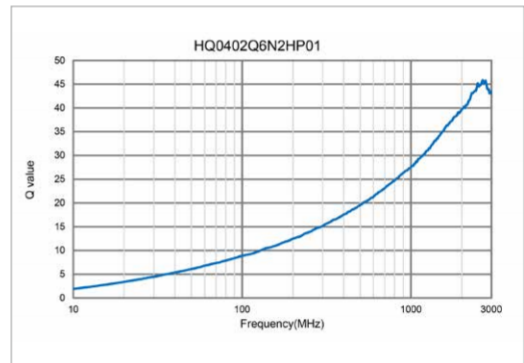
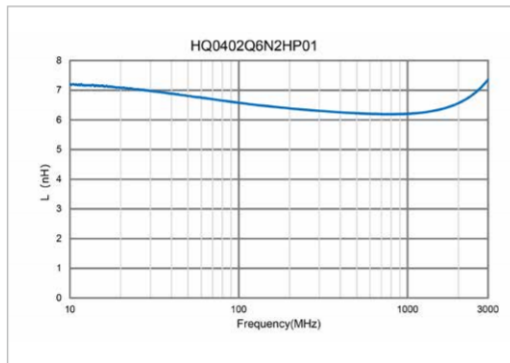
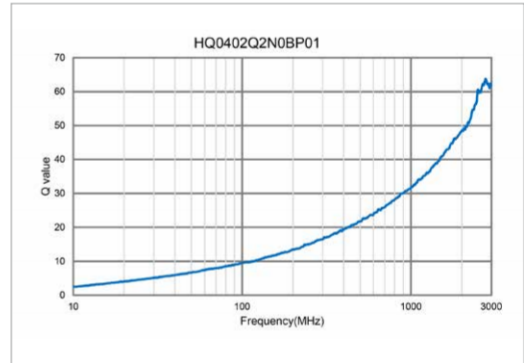


### HQ0402Q Series

Inductance vs. Frequency Characteristics



Q vs. Frequency Characteristics

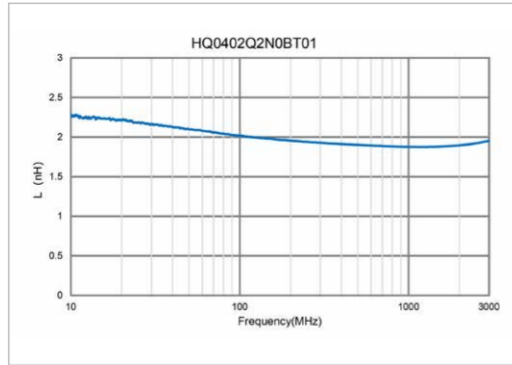


## 电气特性

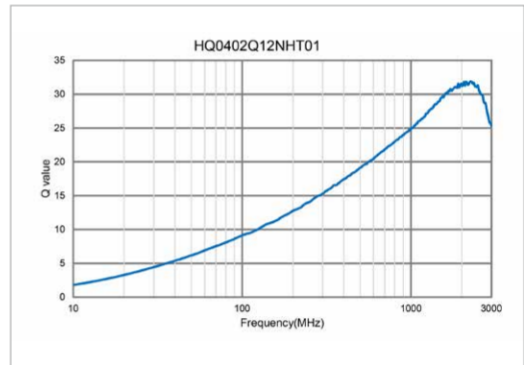
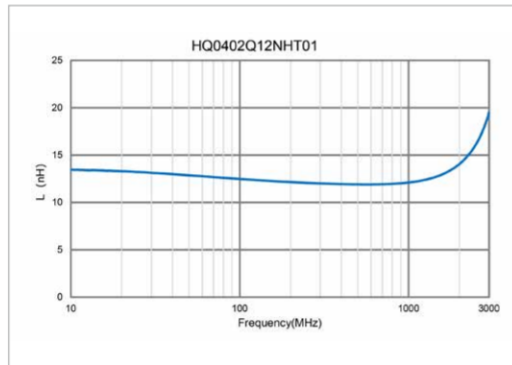
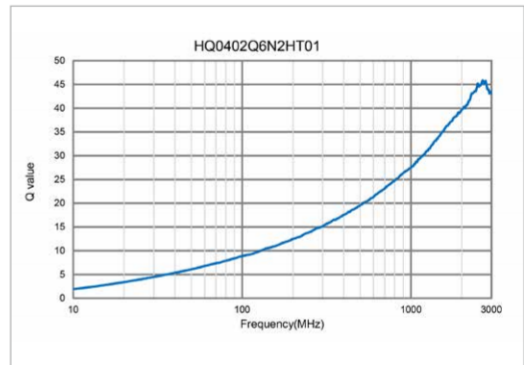
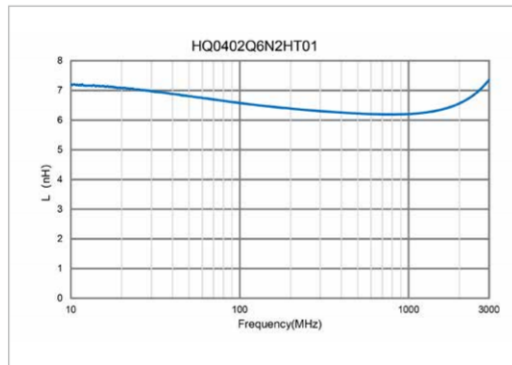
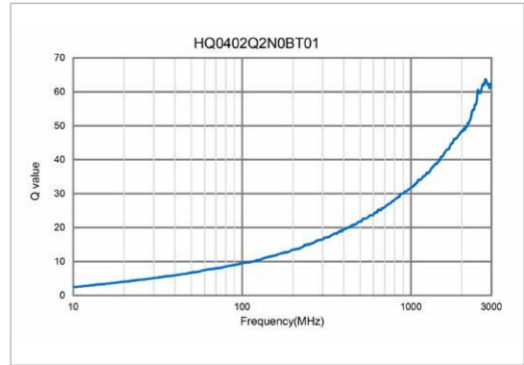
Typical  
Electrical  
Characteristics

### HQ0402Q Series

Inductance vs. Frequency Characteristics

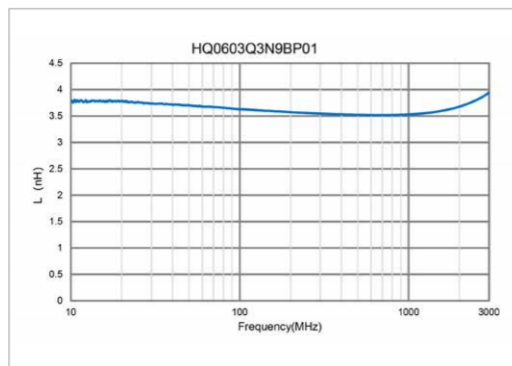


Q vs. Frequency Characteristics

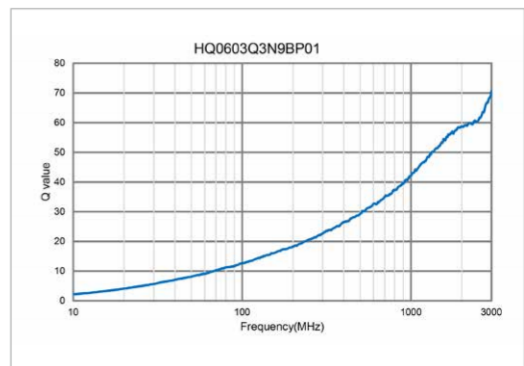


### HQ0603Q Series

Inductance vs. Frequency Characteristics

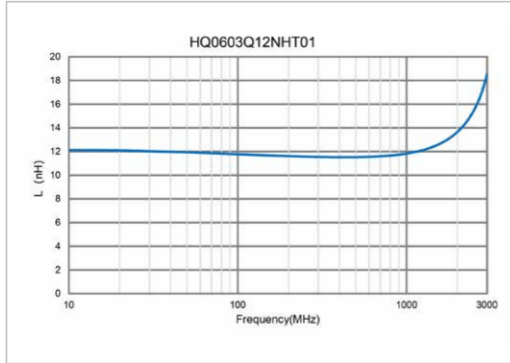


Q vs. Frequency Characteristics



**电气特性**  
Typical  
Electrical  
Characteristics

HQ0603Q Series  
Inductance vs. Frequency Characteristics



Q vs. Frequency Characteristics

