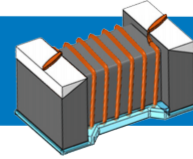


# 绕线片式铁氧体电感—MWSD-F 系列

## Wire Wound Chip Ferrite Inductor—MWSD-F Series



**工作温度**  
Operating Temp

◆ -40°C ~+85°C

**特征**  
Features

- ◆ 小尺寸，可表面贴装
- ◆ 铁氧体材料具有大电感量
- ◆ 单面封装，较 VL-FS 系列厚度更薄
- ◆ Small chip suitable for surface mounting
- ◆ Large inductance with ferrite material
- ◆ Single-sided package, thinner than VL-FS

**用途**  
Applications

- ◆ 手机、TWS 耳机、智能手表等便携式设备
- ◆ Mobile phones, TWS headsets, smart watches and other portable devices

**产品型号**  
Product Identification

|      |      |   |     |   |   |     |
|------|------|---|-----|---|---|-----|
| 1    | 2    | 3 | 4   | 5 | 6 | 7   |
| MWSD | 1005 | F | 18N | J | T | □□□ |

| 1    | 分类 Type                            |
|------|------------------------------------|
| MWSD | 绕线片式电感<br>Wire Wound Chip Inductor |

| 2             | 外形尺寸 External Dimensions |
|---------------|--------------------------|
| 0603 [0201]   | 0.53×0.4                 |
| 0703 [026011] | 0.76×0.43                |
| 1005 [0402]   | 1.0×0.5                  |
| 1608 [0603]   | 1.6×0.8                  |

| 3 | 材料代号 Material Code |
|---|--------------------|
| F | 铁氧体 Ferrite        |

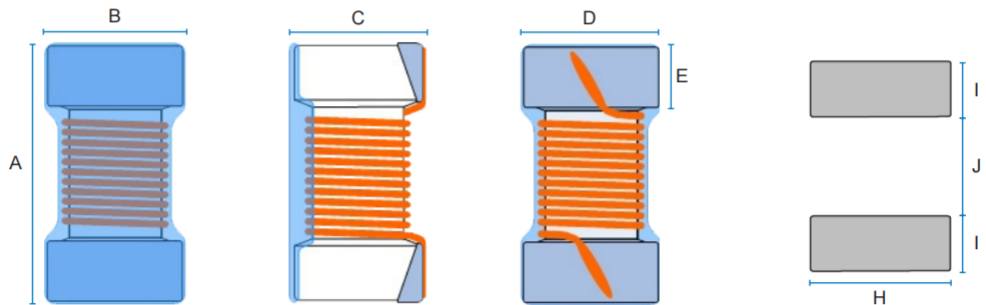
| 4       | 公称电感量 Nominal Inductance |
|---------|--------------------------|
| Example | Nominal Value            |
| 1N0     | 1.0nH                    |
| 10N     | 10nH                     |
| R10     | 100nH                    |
| 1R0     | 1.0μH                    |
| 100     | 10μH                     |

| 5 | 电感公差 Inductance Tolerance |
|---|---------------------------|
| J | ±5%                       |
| K | ±10%                      |
| M | ±20%                      |

| 6 | 包装 Packing      |
|---|-----------------|
| B | 散装 Bulk Package |
| T | 编带 Tape & Reel  |

| 7                          | 设计代码 Design Code |
|----------------------------|------------------|
| □□□                        | Design Code      |
| *Standard product is blank |                  |

**外观尺寸**  
Shape and Dimensions



Unit: mm

| Series        | A         | B         | C         | D Typ.    | E         | H Ref. | I Ref. | J Ref. |
|---------------|-----------|-----------|-----------|-----------|-----------|--------|--------|--------|
| MWSD0603F     | 0.53±0.05 | 0.40±0.05 | 0.40±0.05 | 0.39±0.05 | 0.10±0.05 | 0.50   | 0.20   | 0.23   |
| MWSD0703F     | 0.76Max.  | 0.43Max.  | 0.57Max.  | 0.28±0.05 | 0.13±0.05 | 0.36   | 0.25   | 0.41   |
| MWSD1005F     | 1.10±0.1  | 0.60±0.1  | 0.55±0.1  | 0.50±0.10 | 0.20±0.10 | 0.65   | 0.35   | 0.50   |
| MWSD1005F-M01 | 1.10±0.1  | 0.60±0.1  | 0.55±0.1  | 0.50±0.10 | 0.20±0.10 | 0.65   | 0.35   | 0.50   |
| MWSD1608F     | 1.6±0.20  | 0.8±0.20  | 0.8±0.20  | 0.80      | 0.30      | 1.02   | 0.64   | 0.64   |
| MWSD1608F-M01 | 1.6±0.20  | 0.8±0.20  | 0.8±0.20  | 0.80      | 0.30      | 1.02   | 0.64   | 0.64   |
| MWSD1608F-B01 | 1.6±0.20  | 0.8±0.20  | 0.7±0.10  | 0.90      | 0.30      | 1.15   | 0.45   | 1.10   |
| MWSD1608F-B02 | 1.6±0.20  | 0.8±0.20  | 0.80±0.20 | 0.80      | 0.30      | 1.02   | 0.64   | 0.64   |
| MWSD1608F-Y   | 1.6±0.20  | 0.8±0.20  | 0.80±0.20 | 0.80      | 0.30      | 1.02   | 0.64   | 0.64   |

## 规格特性 Specifications

MWSD0603F TYPE

| 型号 Part Number   | 电感量<br>Inductance | 公差<br>Tolerance | 测试频率<br>L Test<br>Freq. | 自谐频率<br>Min.<br>Self-resonant<br>Frequency | 直流电阻<br>Max. DC<br>Resistance | 额定电流<br>Max. Rated<br>Current |
|------------------|-------------------|-----------------|-------------------------|--------------------------------------------|-------------------------------|-------------------------------|
| 单位 Units         | nH                | -               | MHz                     | MHz                                        | Ω                             | mA                            |
| 符号 Symbol        | L                 | -               | Freq.                   | S.R.F                                      | DCR                           | Ir                            |
| MWSD0603F33N □ T | 33                | K               | 7.9                     | 3400                                       | 0.15                          | 340                           |
| MWSD0603F51N □ T | 51                | K               | 7.9                     | 2900                                       | 0.30                          | 280                           |
| MWSD0603F68N □ T | 68                | K               | 7.9                     | 2600                                       | 0.33                          | 220                           |
| MWSD0603F91N □ T | 91                | K               | 7.9                     | 2350                                       | 0.37                          | 200                           |
| MWSD0603FR11 □ T | 110               | K               | 7.9                     | 2100                                       | 0.48                          | 170                           |
| MWSD0603FR14 □ T | 140               | K               | 7.9                     | 2000                                       | 0.65                          | 160                           |
| MWSD0603FR17 □ T | 170               | K               | 7.9                     | 1850                                       | 0.86                          | 140                           |
| MWSD0603FR20 □ T | 200               | K               | 7.9                     | 1700                                       | 1.25                          | 110                           |

MWSD0703F TYPE

| 型号 Part Number   | 电感量<br>Inductance | 公差<br>Tolerance | 测试频率<br>L Test<br>Freq. | 自谐频率<br>Min.<br>Self-resonant<br>Frequency | 直流电阻<br>Max. DC<br>Resistance | 额定电流<br>Max. Rated<br>Current |
|------------------|-------------------|-----------------|-------------------------|--------------------------------------------|-------------------------------|-------------------------------|
| Units 单位         | nH                | -               | MHz                     | MHz                                        | Ω                             | mA                            |
| Symbol 符号        | L                 | -               | Freq.                   | S.R.F                                      | DCR                           | Ir                            |
| MWSD0703F27N □ T | 27                | J               | 7.9                     | 3900                                       | 0.11                          | 480                           |
| MWSD0703F72N □ T | 72                | J               | 7.9                     | 2600                                       | 0.40                          | 210                           |
| MWSD0703FR10 □ T | 100               | J               | 7.9                     | 2300                                       | 0.50                          | 200                           |
| MWSD0703FR15 □ T | 150               | J               | 7.9                     | 1800                                       | 0.60                          | 190                           |
| MWSD0703FR27 □ T | 270               | J               | 7.9                     | 1600                                       | 1.15                          | 130                           |
| MWSD0703FR43 □ T | 430               | J               | 7.9                     | 900                                        | 1.85                          | 100                           |
| MWSD0703FR56 □ T | 560               | J               | 7.9                     | 1000                                       | 2.80                          | 90                            |

MWSD1005F TYPE

| 型号 Part Number   | 电感量<br>Inductance | 公差<br>Tolerance | 测试频率<br>L Test<br>Freq. | 自谐频率<br>Min.<br>Self-resonant<br>Frequency | 直流电阻<br>Max. DC<br>Resistance | 额定电流<br>Max. Rated<br>Current |
|------------------|-------------------|-----------------|-------------------------|--------------------------------------------|-------------------------------|-------------------------------|
| 单位 Units         | nH                | -               | MHz                     | MHz                                        | Ω                             | mA                            |
| 符号 Symbol        | L                 | -               | Freq.                   | S.R.F                                      | DCR                           | Ir                            |
| MWSD1005F20N □ T | 20                | J,K,M           | 7.9                     | 2600                                       | 0.050                         | 1600                          |
| MWSD1005F22N □ T | 22                | J,K,M           | 7.9                     | 2500                                       | 0.065                         | 1300                          |
| MWSD1005F33N □ T | 33                | J,K,M           | 7.9                     | 2300                                       | 0.060                         | 1400                          |
| MWSD1005F36N □ T | 36                | J,K,M           | 7.9                     | 2300                                       | 0.075                         | 1300                          |
| MWSD1005F39N □ T | 39                | J,K,M           | 7.9                     | 2200                                       | 0.115                         | 830                           |
| MWSD1005F51N □ T | 51                | J,K,M           | 7.9                     | 1930                                       | 0.070                         | 1100                          |
| MWSD1005F56N □ T | 56                | J,K,M           | 7.9                     | 1900                                       | 0.095                         | 1000                          |
| MWSD1005F72N □ T | 72                | J,K,M           | 7.9                     | 1650                                       | 0.100                         | 1000                          |
| MWSD1005F78N □ T | 78                | J,K,M           | 7.9                     | 1600                                       | 0.130                         | 970                           |
| MWSD1005F82N □ T | 82                | J,K,M           | 7.9                     | 1600                                       | 0.130                         | 970                           |
| MWSD1005F85N □ T | 85                | J,K,M           | 7.9                     | 1600                                       | 0.130                         | 970                           |
| MWSD1005F96N □ T | 96                | J,K,M           | 100                     | 1100                                       | 0.160                         | 730                           |
| MWSD1005FR10 □ T | 100               | J,K,M           | 7.9                     | 1400                                       | 0.160                         | 900                           |
| MWSD1005FR14 □ T | 140               | J,K,M           | 7.9                     | 1220                                       | 0.260                         | 630                           |
| MWSD1005FR18 □ T | 180               | J,K,M           | 7.9                     | 1150                                       | 0.280                         | 560                           |
| MWSD1005FR20 □ T | 200               | J,K,M           | 7.9                     | 1000                                       | 0.440                         | 400                           |
| MWSD1005FR22 □ T | 220               | J,K,M           | 7.9                     | 1150                                       | 0.530                         | 380                           |
| MWSD1005FR25 □ T | 250               | J,K,M           | 7.9                     | 900                                        | 0.450                         | 520                           |
| MWSD1005FR27 □ T | 270               | J,K,M           | 7.9                     | 860                                        | 0.550                         | 360                           |
| MWSD1005FR30 □ T | 300               | J,K,M           | 7.9                     | 860                                        | 0.410                         | 420                           |
| MWSD1005FR33 □ T | 330               | J,K,M           | 7.9                     | 820                                        | 0.560                         | 350                           |
| MWSD1005FR36 □ T | 360               | J,K,M           | 7.9                     | 810                                        | 0.575                         | 360                           |

## 规格特性

Specifications

MWSD1005F TYPE

| 型号 Part Number   | 电感量 Inductance | 公差 Tolerance | 测试频率 L Test Freq. | 自谐频率 Min. Self-resonant Frequency | 直流电阻 Max. DC Resistance | 额定电流 Max. Rated Current |
|------------------|----------------|--------------|-------------------|-----------------------------------|-------------------------|-------------------------|
| 单位 Units         | nH             | -            | MHz               | MHz                               | Ω                       | mA                      |
| 符号 Symbol        | L              | -            | Freq.             | S.R.F                             | DCR                     | Ir                      |
| MWSD1005FR39 □ T | 390            | J,K,M        | 7.9               | 760                               | 0.750                   | 300                     |
| MWSD1005FR42 □ T | 420            | J,K,M        | 7.9               | 700                               | 0.700                   | 340                     |
| MWSD1005FR47 □ T | 470            | J,K,M        | 7.9               | 650                               | 0.730                   | 310                     |
| MWSD1005FR56 □ T | 560            | J,K,M        | 7.9               | 600                               | 0.920                   | 200                     |
| MWSD1005F1R0 □ T | 1000           | J,K,M        | 7.9               | 235                               | 1.050                   | 190                     |
| MWSD1005F1R5 □ T | 1500           | J,K,M        | 1.0               | 120                               | 1.500                   | 190                     |
| MWSD1005F1R8 □ T | 1800           | J,K,M        | 10.0              | 120                               | 1.590                   | 200                     |
| MWSD1005F2R0 □ T | 2000           | J,K,M        | 10.0              | 120                               | 1.600                   | 180                     |
| MWSD1005F2R2 □ T | 2200           | J,K,M        | 1.0               | 100                               | 1.800                   | 170                     |

MWSD1005F-M01 TYPE

| 型号 Part Number      | 电感量 Inductance | 公差 Tolerance | 测试频率 L Test Freq. | 自谐频率 Min. Self-resonant Frequency | 直流电阻 Max. DC Resistance | 额定电流 Max. Rated Current |
|---------------------|----------------|--------------|-------------------|-----------------------------------|-------------------------|-------------------------|
| 单位 Units            | nH             | -            | MHz               | MHz                               | Ω                       | mA                      |
| 符号 Symbol           | L              | -            | Freq.             | S.R.F                             | DCR                     | Ir                      |
| MWSD1005F18N □ TM01 | 18             | J,K,M        | 100               | 3000                              | 0.046                   | 1400                    |
| MWSD1005F20N □ TM01 | 20             | J,K,M        | 100               | 3000                              | 0.028                   | 2200                    |
| MWSD1005F33N □ TM01 | 33             | J,K,M        | 100               | 1800                              | 0.065                   | 1300                    |
| MWSD1005F34N □ TM01 | 34             | J,K,M        | 100               | 2500                              | 0.036                   | 1800                    |
| MWSD1005F48N □ TM01 | 48             | J,K,M        | 100               | 1400                              | 0.078                   | 1100                    |
| MWSD1005F53N □ TM01 | 53             | J,K,M        | 100               | 2000                              | 0.060                   | 1300                    |
| MWSD1005F59N □ TM01 | 59             | J,K,M        | 10                | 1700                              | 0.095                   | 1000                    |
| MWSD1005F68N □ TM01 | 68             | J,K,M        | 100               | 1300                              | 0.120                   | 820                     |
| MWSD1005F70N □ TM01 | 70             | J,K,M        | 100               | 1300                              | 0.120                   | 820                     |
| MWSD1005F77N □ TM01 | 77             | J,K,M        | 100               | 2000                              | 0.090                   | 1100                    |
| MWSD1005F96N □ TM01 | 96             | J,K,M        | 100               | 1100                              | 0.160                   | 730                     |
| MWSD1005FR11 □ TM01 | 106            | J,K,M        | 100               | 1500                              | 0.144                   | 850                     |
| MWSD1005FR13 □ TM01 | 130            | J,K,M        | 100               | 1000                              | 0.230                   | 640                     |
| MWSD1005FR14 □ TM01 | 140            | J,K,M        | 100               | 1000                              | 0.216                   | 650                     |
| MWSD1005FR16 □ TM01 | 160            | J,K,M        | 100               | 900                               | 0.330                   | 480                     |
| MWSD1005FR18 □ TM01 | 180            | J,K,M        | 100               | 1000                              | 0.312                   | 560                     |
| MWSD1005FR20 □ TM01 | 200            | J,K,M        | 100               | 800                               | 0.470                   | 390                     |
| MWSD1005FR22 □ TM01 | 220            | J,K,M        | 100               | 1100                              | 0.470                   | 450                     |
| MWSD1005FR27 □ TM01 | 270            | J,K,M        | 100               | 730                               | 0.520                   | 420                     |
| MWSD1005FR33 □ TM01 | 330            | J,K,M        | 100               | 520                               | 0.560                   | 390                     |
| MWSD1005FR39 □ TM01 | 390            | J,K,M        | 100               | 350                               | 0.620                   | 370                     |
| MWSD1005FR42 □ TM01 | 420            | J,K,M        | 10                | 320                               | 0.620                   | 370                     |
| MWSD1005FR43 □ TM01 | 430            | J,K,M        | 10                | 700                               | 0.700                   | 340                     |
| MWSD1005FR47 □ TM01 | 470            | J,K,M        | 10                | 380                               | 0.660                   | 350                     |
| MWSD1005FR56 □ TM01 | 560            | J,K,M        | 10                | 300                               | 0.710                   | 300                     |
| MWSD1005FR68 □ TM01 | 680            | J,K,M        | 1                 | 350                               | 0.750                   | 400                     |
| MWSD1005FR82 □ TM01 | 820            | J,K,M        | 1                 | 240                               | 0.840                   | 380                     |
| MWSD1005F1R0 □ TM01 | 1000           | J,K,M        | 1                 | 210                               | 0.750                   | 410                     |
| MWSD1005F1R5 □ TM01 | 1500           | J,K,M        | 1                 | 140                               | 1.200                   | 320                     |
| MWSD1005F2R2 □ TM01 | 2200           | J,K,M        | 1                 | 100                               | 1.800                   | 170                     |
| MWSD1005F3R3 □ TM01 | 3300           | J,K,M        | 1                 | 90                                | 2.000                   | 240                     |
| MWSD1005F4R7 □ TM01 | 4700           | J,K,M        | 1                 | 60                                | 5.500                   | 250                     |

## 规格特性 Specifications

MWSD1608F TYPE

| 型号 Part Number    | 电感量<br>Inductance | 公差<br>Tolerance | 测试频率<br>L Test<br>Freq. | 自谐振频率<br>Min.<br>Self-resonant<br>Frequency | 直流电阻<br>Max. DC<br>Resistance | 额定电流<br>Max. Rated<br>Current |
|-------------------|-------------------|-----------------|-------------------------|---------------------------------------------|-------------------------------|-------------------------------|
| 单位 Units          | nH                | -               | MHz                     | MHz                                         | Ω                             | mA                            |
| 符号 Symbol         | L                 | -               | Freq.                   | S.R.F                                       | DCR                           | I <sub>r</sub>                |
| MWSD1608F47N □ T  | 47                | J,K,M           | 7.9                     | 2350                                        | 0.06                          | 1200                          |
| MWSD1608F51N □ T  | 51                | J,K,M           | 7.9                     | 2300                                        | 0.07                          | 1050                          |
| MWSD1608F56N □ T  | 56                | J,K,M           | 7.9                     | 2200                                        | 0.04                          | 1850                          |
| MWSD1608FR10 □ T  | 100               | K,M             | 7.9                     | 1370                                        | 0.11                          | 850                           |
| MWSD1608FR12 □ T  | 120               | J,K,M           | 7.9                     | 1340                                        | 0.18                          | 670                           |
| MWSD1608FR18 □ T  | 180               | J,K,M           | 7.9                     | 1060                                        | 0.19                          | 670                           |
| MWSD1608FR20 □ T  | 200               | J,K,M           | 7.9                     | 1030                                        | 0.14                          | 740                           |
| MWSD1608FR22 □ T  | 220               | J,K,M           | 7.9                     | 850                                         | 0.20                          | 650                           |
| MWSD1608FR27 □ T  | 270               | J,K,M           | 7.9                     | 780                                         | 0.24                          | 630                           |
| MWSD1608FR33 □ T  | 330               | J,K,M           | 7.9                     | 730                                         | 0.29                          | 510                           |
| MWSD1608FR39 □ T  | 390               | J,K,M           | 7.9                     | 750                                         | 0.33                          | 490                           |
| MWSD1608FR47 □ T  | 470               | J,K,M           | 7.9                     | 670                                         | 0.37                          | 470                           |
| MWSD1608FR50 □ T  | 500               | J,K,M           | 7.9                     | 610                                         | 0.45                          | 410                           |
| MWSD1608FR56 □ T  | 560               | J,K,M           | 7.9                     | 590                                         | 0.51                          | 380                           |
| MWSD1608FR62 □ T  | 620               | J,K,M           | 7.9                     | 570                                         | 0.48                          | 390                           |
| MWSD1608FR65 □ T  | 650               | J,K,M           | 7.9                     | 550                                         | 0.61                          | 350                           |
| MWSD1608FR68 □ T  | 680               | J,K,M           | 7.9                     | 520                                         | 0.77                          | 310                           |
| MWSD1608FR78 □ T  | 780               | J,K,M           | 7.9                     | 480                                         | 0.83                          | 300                           |
| MWSD1608FR82 □ T  | 820               | J,K,M           | 7.9                     | 540                                         | 0.75                          | 320                           |
| MWSD1608FR1R0 □ T | 1000              | J,K,M           | 7.9                     | 410                                         | 0.94                          | 280                           |
| MWSD1608FR1R2 □ T | 1200              | J,K,M           | 7.9                     | 370                                         | 1.10                          | 260                           |
| MWSD1608FR6R8 □ T | 6800              | J,K,M           | 7.9                     | 40                                          | 4.00                          | 130                           |
| MWSD1608FR7R8 □ T | 7800              | J,K,M           | 7.9                     | 40                                          | 4.40                          | 120                           |
| MWSD1608FR8R2 □ T | 8200              | J,K,M           | 7.9                     | 40                                          | 4.50                          | 110                           |
| MWSD1608F100 □ T  | 10000             | J,K,M           | 2.5                     | 30                                          | 5.00                          | 100                           |
| MWSD1608F150 □ T  | 15000             | J,K,M           | 2.5                     | 20                                          | 9.50                          | 90                            |
| MWSD1608F180 □ T  | 18000             | J,K,M           | 2.5                     | 20                                          | 10.40                         | 80                            |
| MWSD1608F220 □ T  | 22000             | J,K,M           | 2.5                     | 20                                          | 11.40                         | 70                            |

MWSD1608F-M01 TYPE

| 型号 Part Number      | 电感量<br>Inductance | 公差<br>Tolerance | 测试频率<br>L Test<br>Freq. | 自谐振频率<br>Min.<br>Self-resonant<br>Frequency | 直流电阻<br>Max. DC<br>Resistance | 额定电流<br>Max. Rated<br>Current |
|---------------------|-------------------|-----------------|-------------------------|---------------------------------------------|-------------------------------|-------------------------------|
| 单位 Units            | nH                | -               | MHz                     | MHz                                         | Ω                             | mA                            |
| 符号 Symbol           | L                 | -               | Freq.                   | S.R.F                                       | DCR                           | I <sub>r</sub>                |
| MWSD1608F4N9 □ TM01 | 4.9               | M               | 10                      | 2300                                        | 0.015                         | 2600                          |
| MWSD1608F15N □ TM01 | 15                | J,K,M           | 10                      | 2000                                        | 0.025                         | 2200                          |
| MWSD1608F32N □ TM01 | 32                | J,K,M           | 10                      | 1800                                        | 0.030                         | 2000                          |
| MWSD1608F33N □ TM01 | 33                | J,K,M           | 10                      | 1800                                        | 0.035                         | 1700                          |
| MWSD1608F55N □ TM01 | 55                | J,K,M           | 10                      | 1600                                        | 0.045                         | 1500                          |
| MWSD1608F85N □ TM01 | 85                | J,K,M           | 10                      | 1380                                        | 0.060                         | 1400                          |
| MWSD1608FR10 □ TM01 | 100               | K,M             | 10                      | 1260                                        | 0.100                         | 1000                          |
| MWSD1608FR12 □ TM01 | 120               | J,K,M           | 10                      | 1200                                        | 0.085                         | 1100                          |
| MWSD1608FR16 □ TM01 | 160               | J,K,M           | 10                      | 900                                         | 0.100                         | 1000                          |
| MWSD1608FR21 □ TM01 | 210               | J,K,M           | 10                      | 720                                         | 0.150                         | 800                           |
| MWSD1608FR27 □ TM01 | 270               | J,K,M           | 10                      | 660                                         | 0.160                         | 750                           |
| MWSD1608FR33 □ TM01 | 330               | J,K,M           | 10                      | 600                                         | 0.250                         | 630                           |
| MWSD1608FR39 □ TM01 | 390               | J,K,M           | 10                      | 570                                         | 0.280                         | 620                           |
| MWSD1608FR47 □ TM01 | 470               | J,K,M           | 10                      | 555                                         | 0.450                         | 500                           |
| MWSD1608FR56 □ TM01 | 560               | J,K,M           | 10                      | 540                                         | 0.480                         | 450                           |
| MWSD1608FR65 □ TM01 | 650               | J,K,M           | 10                      | 510                                         | 0.520                         | 430                           |

## 规格特性 Specifications

MWSD1608F-B01 TYPE

| 型号 Part Number      | 电感量 Inductance | 公差 Tolerance | 测试频率 L Test Freq. | 自谐振频率 Min. Self-resonant Frequency | 直流电阻 Max. DC Resistance | 额定电流 Max. Rated Current |
|---------------------|----------------|--------------|-------------------|------------------------------------|-------------------------|-------------------------|
| 单位 Units            | nH             | -            | MHz               | MHz                                | $\Omega$                | mA                      |
| 符号 Symbol           | L              | -            | Freq.             | S.R.F                              | DCR                     | Ir                      |
| MWSD1608F1R8 □ TB01 | 1800           | J,K,M        | 7.9               | 190                                | 1.40                    | 230                     |
| MWSD1608F4R7 □ TB01 | 4700           | J,K,M        | 7.9               | 50                                 | 2.70                    | 160                     |
| MWSD1608F100 □ TB01 | 10000          | J,K,M        | 2.5               | 30                                 | 5.00                    | 100                     |
| MWSD1608F150 □ TB01 | 15000          | J,K,M        | 10                | 20                                 | 4.00                    | 100                     |
| MWSD1608F220 □ TB01 | 22000          | J,K,M        | 2.5               | 20                                 | 11.40                   | 70                      |
| MWSD1608F470 □ TB01 | 47000          | J,K,M        | 2.5               | 11                                 | 24.00                   | 50                      |

MWSD1608F-B02 TYPE

| 型号 Part Number      | 电感量 Inductance | 公差 Tolerance | 测试频率 L Test Freq. | 自谐振频率 Min. Self-resonant Frequency | 直流电阻 Max. DC Resistance | 额定电流 Max. Rated Current |
|---------------------|----------------|--------------|-------------------|------------------------------------|-------------------------|-------------------------|
| 单位 Units            | nH             | -            | MHz               | MHz                                | $\Omega$                | mA                      |
| 符号 Symbol           | L              | -            | Freq.             | S.R.F                              | DCR                     | Ir                      |
| MWSD1608F3R3 □ TB02 | 3300           | J,K,M        | 7.9               | 60                                 | 1.80                    | 200                     |

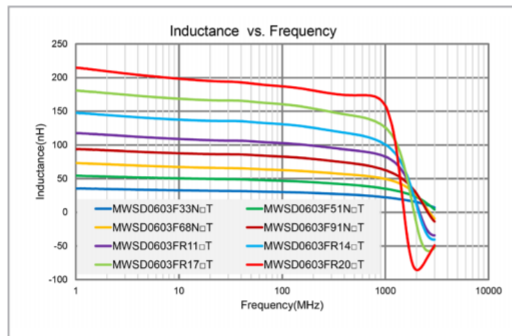
MWSD1608F-Y TYPE

| 型号 Part Number      | 电感量 Inductance | 公差 Tolerance | 测试频率 L Test Freq. | 自谐振频率 Min. Self-resonant Frequency | 直流电阻 Max. DC Resistance | 额定电流 Max. Rated Current |
|---------------------|----------------|--------------|-------------------|------------------------------------|-------------------------|-------------------------|
| 单位 Units            | nH             | -            | MHz               | MHz                                | $\Omega$                | mA                      |
| 符号 Symbol           | L              | -            | Freq.             | S.R.F                              | DCR                     | Ir                      |
| MWSD1608FR30 □ TY01 | 300            | J,K,M        | 7.9               | 800                                | 0.38                    | 470                     |
| MWSD1608F120 □ TY01 | 12000          | J,K,M        | 2.5               | 25                                 | 5.40                    | 110                     |
| MWSD1608F150 □ TY01 | 15000          | J,K,M        | 2.5               | 20                                 | 7.00                    | 100                     |
| MWSD1608F150 □ TY04 | 15000          | J,K,M        | 2.5               | 20                                 | 7.00                    | 120                     |

## 电气特性 Typical Electrical Characteristics

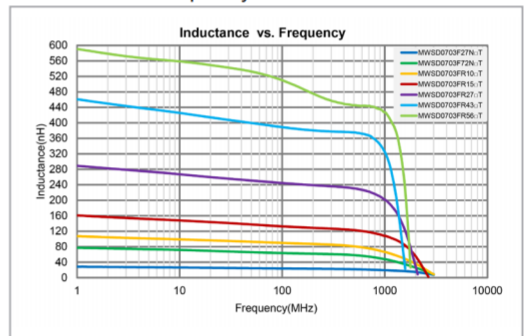
MWSD0603F TYPE

Inductance vs. Frequency Characteristics



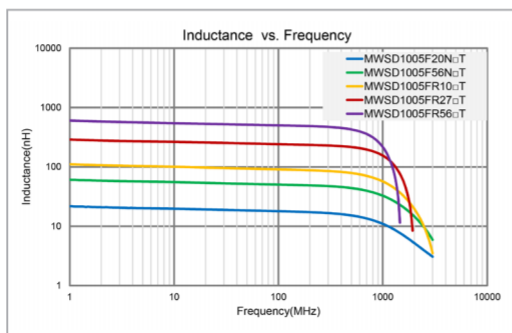
MWSD0703F TYPE

Inductance vs. Frequency Characteristics

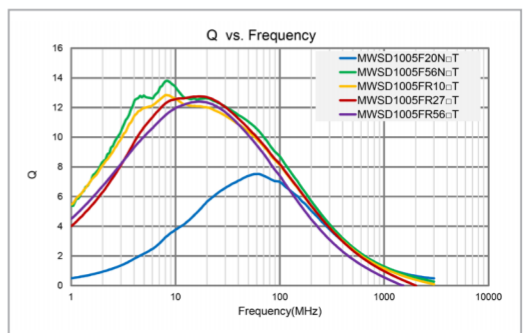


MWSD1005F TYPE

Inductance vs. Frequency Characteristics



Q vs. Frequency Characteristics



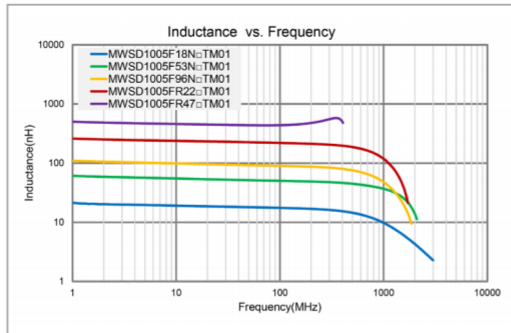


## 电气特性

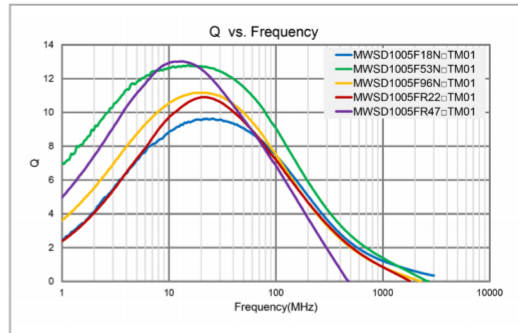
Typical  
Electrical  
Characteristics

### MWSD1005F-M01 TYPE

Inductance vs. Frequency Characteristics

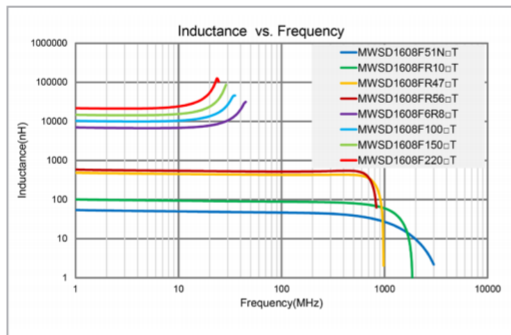


Q vs. Frequency Characteristics



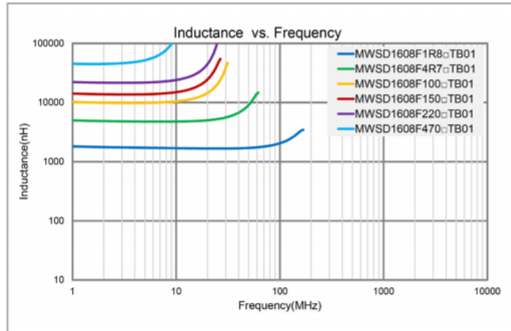
### MWSD1608F TYPE

Inductance vs. Frequency Characteristics



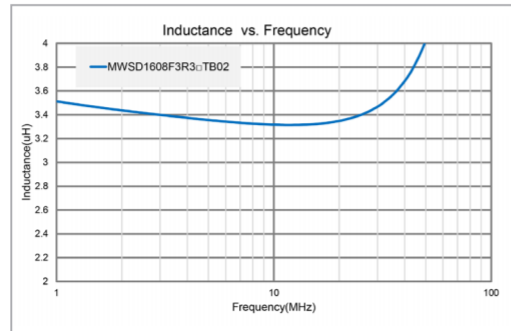
### MWSD1608F-B01 TYPE

Inductance vs. Frequency Characteristics



### MWSD1608F-B02 TYPE

Inductance vs. Frequency Characteristics



## 电气特性

Typical  
Electrical  
Characteristics

### MWSD1608F-Y TYPE

#### Inductance vs. Frequency Characteristics

