# TOKEN ELECTRONICS IND. CO., LTD.

*HONESTY PERFECTION SHARING*

# Catalogue of Chip Inductors


**Taiwan:** No. 137, Sec. 1, Chung Shin Rd.,
Wu Ku Hsiang,Taipei Hsien,Taiwan, R.O.C

TEL: 886-2-2981 0109
FAX: 886-2-2988 7487

**China:** 3F South, Zhongxing Industry Bld.,
Changye Rd., Nanshan District,
Shen Zhen, Guangdong 518054

TEL: 86-755-2605 5363~4; 2605 5440~1
FAX: 86-755-2605 5365

**Contact:** token@token.com.tw

**Support:** support@tokenonline.net

**Homepage:** 1. http://www.token.com.tw

2. http://www.tokenonline.net

# INDUCTORS INDEX


- CM322522 SERIES CHIP INDUCTORS ---------- 2
- CM453232 SERIES CHIP INDUCTORS ---------- 5
- LF-5.0S (LGA0203) SERIES OF High FREQUENCY FIXED INDUCTORS ---------- 8

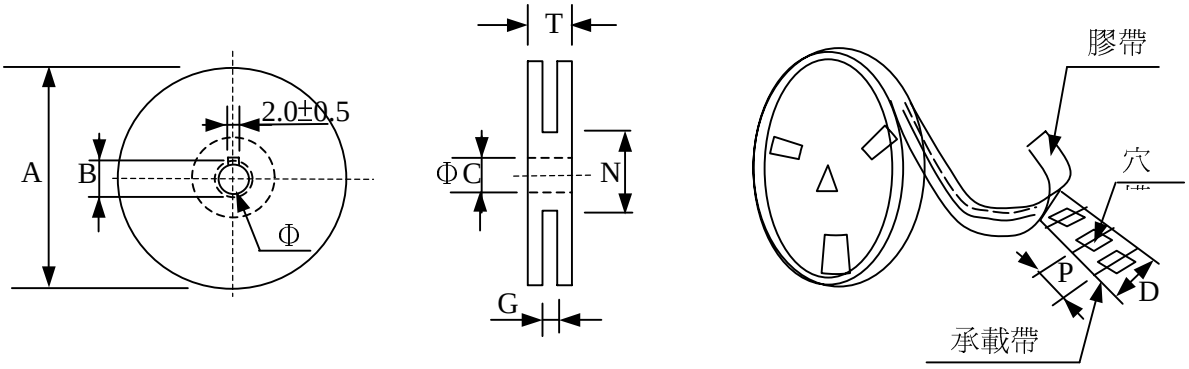
## CM SERIES CHIP INDUCTORS

### CM322522

**Features:** HIGH RESISTANCE TO HEAT AND HUMIDIT
RESISTANCE TO MECHAMICAL CHOCKS AND PRESSUE
ACCURATE DIMENSIONS FOR AUTOMATICALLY SURFACE MOUNTED

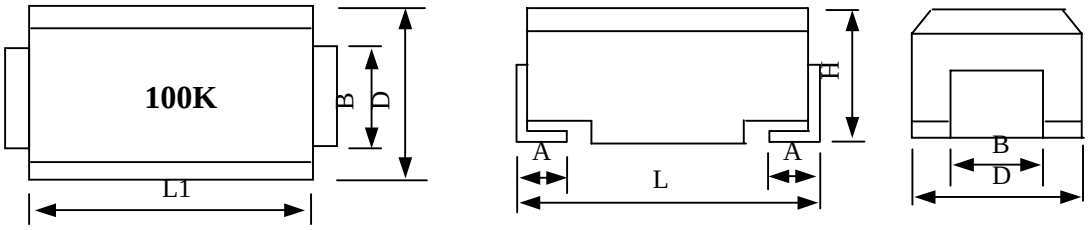
**PRODUCT IDENTIFICATIONS**
**CM ○○○○○○ — □□□ ○** **EXAMPLE CM322522-100K**
**TYPE: CM322522 CM453232**
**INDUCTANCE :100K(10 μ H)**
**TOLERANCE: J:±5% K:±10% M:±20%**

## PACKAGING




| TYPE | A | B | C | D | G | N | T |
|---|---|---|---|---|---|---|---|
| 8mm | 178 | 21.0±0.8 | 13.0±0.5 | 8 | 10MAX | 50MIN | 14.4MAX |
| 12mm | 178 | 21.0±0.8 | 13.0±0.5 | 10 | 14MAX | 50MIN | 18.4MAX |

## CONFIGURATION



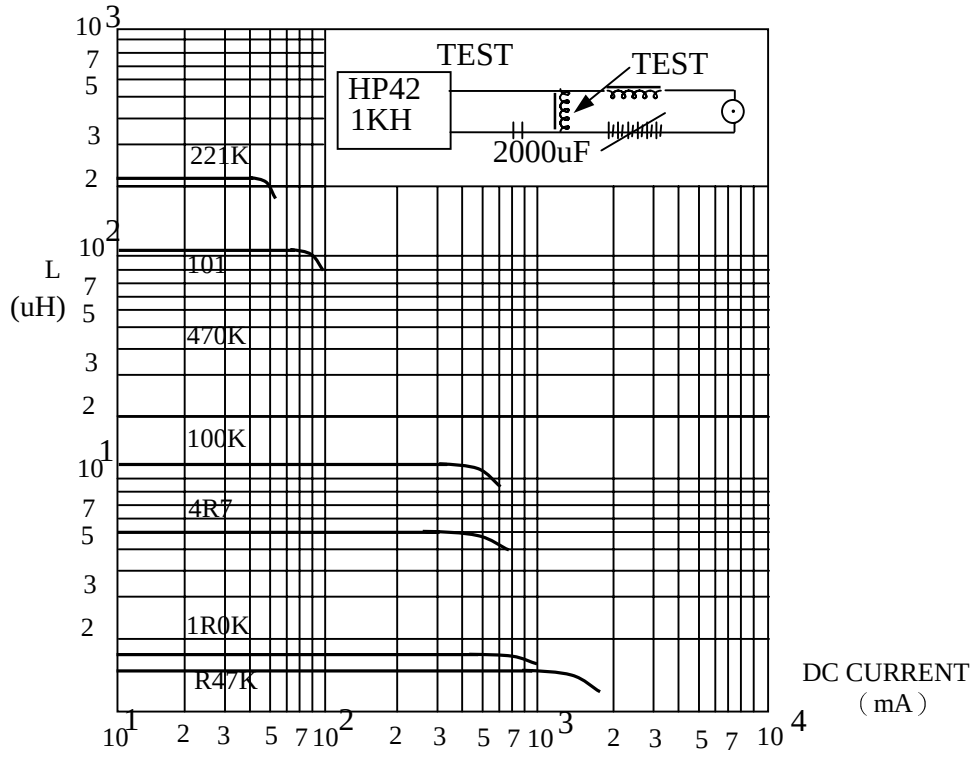

| CODE | CM322522 | CM453232 |
|---|---|---|
| L | 3.2±0.2 | 4.5±0.3 |
| L1 | 3.0±0.2 | 4.3±0.3 |
| H | 2.2±0.2 | 3.2±0.3 |
| D | 2.5±0.2 | 3.2±0.2 |
| A | $0.4^{+0.1}_{-0}$ | $0.4^{+0.1}_{-0}$ |
| B | 1.9±0.2 | 2.6±0.1 |

## RATINGS

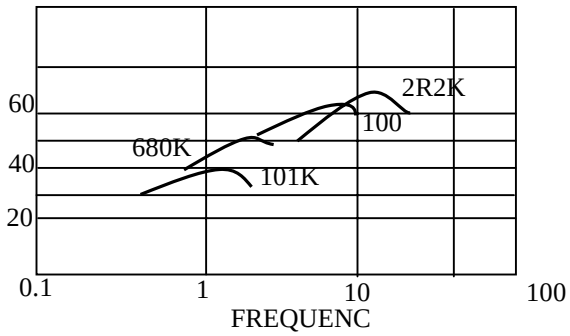
| PART NO. | INDUCTANCE (μH) | Q MIN | TEST FREQ (MHZ) | SRF MIN (MHZ) | RDC MAX (Ω) | IDC (mA) |
|---|---|---|---|---|---|---|
| CM322522-R12M | 0.12 ± 20% | 30 | 25.2 | 500 | 0.22 | 450 |
| -R15M | 0.15 ± 20% | 30 | 25.2 | 450 | 0.25 | 450 |
| -R18M | 0.18 ±20% | 30 | 25.2 | 400 | 0.28 | 450 |
| -R22M | 0.22 ± 20% | 30 | 25.2 | 350 | 0.32 | 450 |
| -R27M | 0.27 ± 20% | 30 | 25.2 | 320 | 0.36 | 450 |
| -R33M | 0.33 ± 20% | 30 | 25.2 | 300 | 0.40 | 450 |
| -R39M | 0.39 ± 20% | 30 | 25.2 | 250 | 0.45 | 450 |
| -R47M | 0.47 ± 20% | 30 | 25.2 | 220 | 0.50 | 450 |
| -R56M | 0.56 ± 20% | 30 | 25.2 | 180 | 0.55 | 450 |
| -R68M | 0.68 ± 20% | 30 | 25.2 | 160 | 0.60 | 450 |
| -R82M | 0.82 ± 20% | 30 | 25.2 | 140 | 0.65 | 450 |
| -1R0M | 1.0 ± 20% | 30 | 7.96 | 120 | 0.70 | 400 |
| -1R2M | 1.2 ± 20% | 30 | 7.96 | 100 | 0.75 | 390 |
| -1R5M | 1.5 ± 20% | 30 | 7.96 | 85 | 0.85 | 370 |
| -1R8M | 1.8 ± 20% | 30 | 7.96 | 80 | 0.90 | 350 |
| -2R2M | 2.2 ± 20% | 30 | 7.96 | 75 | 1.00 | 320 |
| -2R7M | 2.7 ± 20% | 30 | 7.96 | 70 | 1.10 | 290 |
| -3R3K | 3.3. ± 10% | 30 | 7.96 | 60 | 1.20 | 260 |
| -3R9K | 3.9 ±10% | 30 | 7.96 | 55 | 1.30 | 250 |
| -4R7K | 4.7 ± 10% | 30 | 7.96 | 50 | 1.50 | 220 |
| -5R6K | 5.6 ± 10% | 30 | 7.96 | 47 | 1.60 | 200 |
| -6R8K | 6.8 ± 10% | 30 | 7.96 | 43 | 1.80 | 180 |
| -8R2K | 8.2 ± 10% | 30 | 7.96 | 40 | 2.00 | 170 |
| -100K | 10.0 ± 10% | 30 | 2.52 | 36 | 2.10 | 150 |
| -120K | 12.0± 10% | 30 | 2.52 | 33 | 2.50 | 140 |
| -150K | 15.0± 10% | 30 | 2.52 | 30 | 2.80 | 130 |
| -180K | 18.0± 10% | 30 | 2.52 | 27 | 3.30 | 120 |
| -220K | 22.0± 10% | 30 | 2.52 | 25 | 3.70 | 110 |
| -270K | 27.0± 10% | 30 | 2.52 | 20 | 5.00 | 80 |
| -330K | 33.0± 10% | 30 | 2.52 | 17 | 5.60 | 70 |
| -390K | 39.0 ± 10% | 30 | 2.52 | 16 | 6.40 | 65 |
| -470K | 47.0± 10% | 30 | 2.52 | 15 | 7.00 | 60 |
| -560K | 56.0 ± 10% | 30 | 2.52 | 13 | 8.00 | 55 |
| -680K | 68.0 ± 10% | 30 | 2.52 | 12 | 9.00 | 50 |
| -820K | 82.0± 10% | 30 | 2.52 | 11 | 10.00 | 45 |
| -101K | 100 ± 10% | 20 | 0.796 | 10 | 10.00 | 40 |
| -121K | 120 ± 10% | 20 | 0.796 | 10 | 11.00 | 70 |
| -151K | 150 ± 10% | 20 | 0.796 | 8 | 15.00 | 65 |
| -181K | 180 ± 10% | 20 | 0.796 | 7 | 17.00 | 60 |
| -221K | 220 ± 10% | 20 | 0.796 | 7 | 21.00 | 50 |

## ELECTRICAL CHARACTERISICS

INDUCTANCE VS. DC SUPERPOSITION CHARACTERISTICS

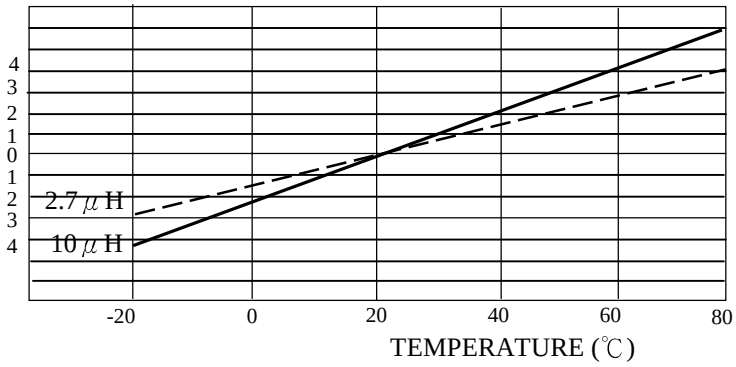



Q VS.FREQUENCY RESPONSE




TEST EQUIPMENT: Q METER HP4342A

INDUCTANCE CHANGE VS . TEMPERATURE RESPONSE



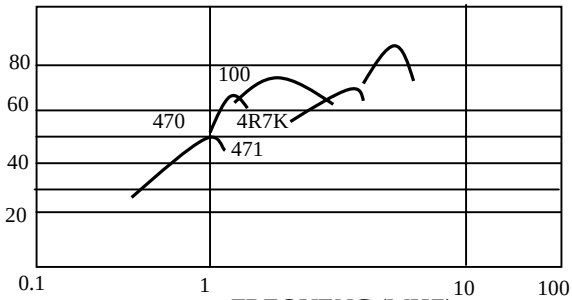

TEST EQUIPMENT: LCZ METER HP4274A

## CM453232 SERIES CHIP INDUCTORS

| PART NO. | INDUCTANCE (µH) | Q (Min) | TEST FREQ (MHz) | SRF (MHz) | RDC (Ω) Max | IDC (mA) |
|---|---|---|---|---|---|---|
| CM453232-R10M | 0.10 ± 20% | 35 | 25.2 | 300 | 0.18 | 800 |
| CM453232-R12M | 0.12 ± 20% | 25 | 25.2 | 280 | 0.20 | 770 |
| CM453232-R15M | 0.15 ± 20% | 25 | 25.2 | 250 | 0.22 | 730 |
| CM453232-R18M | 0.18 ± 20% | 25 | 25.2 | 220 | 0.24 | 700 |
| CM453232-R22M | 0.22 ± 20% | 25 | 25.2 | 200 | 0.25 | 665 |
| CM453232-R27M | 0.27 ± 20% | 30 | 25.2 | 180 | 0.26 | 635 |
| CM453232-R33M | 0.33 ± 20% | 30 | 25.2 | 165 | 0.28 | 605 |
| CM453232-R39M | 0.39 ± 20% | 30 | 25.2 | 150 | 0.30 | 575 |
| CM453232-R47M | 0.47 ± 20% | 30 | 25.2 | 145 | 0.32 | 545 |
| CM453232-R56M | 0.56 ± 20% | 30 | 25.2 | 140 | 0.36 | 520 |
| CM453232-R68M | 0.68 ± 20% | 30 | 25.2 | 135 | 0.40 | 500 |
| CM453232-R82M | 0.82 ± 20% | 30 | 25.2 | 130 | 0.45 | 475 |
| CM453232-1R0K | 1.0 ± 20% | 40 | 7.96 | 100 | 0.50 | 450 |
| CM453232-1R2K | 1.2 ± 20% | 40 | 7.96 | 80 | 0.55 | 430 |
| CM453232-1R5K | 1.5 ± 20% | 40 | 7.96 | 70 | 0.55 | 410 |
| CM453232-1R8K | 1.8 ± 20% | 40 | 7.96 | 60 | 0.65 | 390 |
| CM453232-2R2K | 2.2 ± 20% | 40 | 7.96 | 55 | 0.70 | 380 |
| CM453232-2R7K | 2.7 ± 20% | 40 | 7.96 | 50 | 0.75 | 370 |
| CM453232-3R3K | 3.3 ± 10% | 40 | 7.96 | 45 | 0.80 | 355 |
| CM453232-3R9K | 3.9 ± 10% | 40 | 7.96 | 40 | 0.90 | 330 |
| CM453232-4R7K | 4.7 ± 10% | 40 | 7.96 | 35 | 1.00 | 315 |
| CM453232-5R6K | 5.6 ± 10% | 40 | 7.96 | 33 | 1.10 | 300 |
| CM453232-6R8K | 6.8 ± 10% | 40 | 7.96 | 27 | 1.20 | 285 |
| CM453232-8R2K | 8.2 ± 10% | 40 | 7.96 | 25 | 1.40 | 270 |
| CM453232-100K | 10.0 ± 10% | 40 | 2.52 | 20 | 1.60 | 250 |
| CM453232-120K | 12.0± 10% | 40 | 2.52 | 18 | 2.00 | 225 |
| CM453232-150K | 15.0± 10% | 40 | 2.52 | 17 | 2.50 | 200 |
| CM453232-180K | 18.0± 10% | 40 | 2.52 | 15 | 2.80 | 190 |
| CM453232-220K | 22.0± 10% | 40 | 2.52 | 13 | 3.20 | 180 |
| CM453232-270K | 27.0± 10% | 40 | 2.52 | 12 | 3.60 | 170 |
| CM453232-330K | 33.0± 10% | 40 | 2.52 | 11 | 4.00 | 160 |
| CM453232-390K | 39.0 ± 10% | 40 | 2.52 | 10 | 4.50 | 150 |
| CM453232-470K | 47.0± 10% | 40 | 2.52 | 10 | 5.00 | 140 |
| CM453232-560K | 56.0 ± 10% | 40 | 2.52 | 9.0 | 5.50 | 135 |
| CM453232-680K | 68.0 ± 10% | 40 | 2.52 | 9.0 | 6.00 | 130 |
| CM453232-820K | 82.0± 10% | 40 | 2.52 | 8.0 | 7.00 | 120 |
| CM453232-101K | 100 ± 10% | 30 | 0.796 | 8.0 | 8.00 | 110 |
| CM453232-121K | 120 ± 10% | 30 | 0.796 | 6.0 | 8.00 | 110 |
| CM453232-151K | 150 ± 10% | 30 | 0.796 | 5.0 | 9.00 | 105 |
| CM453232-181K | 180 ± 10% | 30 | 0.796 | 5.0 | 9.50 | 102 |
| CM453232-221K | 220 ± 10% | 30 | 0.796 | 4.0 | 10.0 | 100 |
| CM453232-271K | 270 ± 10% | 30 | 0.796 | 4.0 | 12.0 | 92 |
| CM453232-331K | 330 ± 10% | 30 | 0.796 | 3.5 | 14.0 | 85 |
| CM453232-391K | 390 ± 10% | 30 | 0.796 | 3.0 | 18.0 | 80 |
| CM453232-471K | 470 ± 10% | 30 | 0.796 | 3.0 | 26.0 | 62 |
| CM453232-561K | 560 ± 10% | 20 | 0.796 | 3.0 | 30.0 | 50 |
| CM453232-681K | 680 ± 10% | 20 | 0.796 | 3.0 | 30.0 | 50 |
| CM453232-821K | 820 ± 10% | 20 | 0.796 | 2.5 | 35.0 | 30 |
| CM453232-102K | 1000 ± 10% | 20 | 0.252 | 2.5 | 40.0 | 30 |

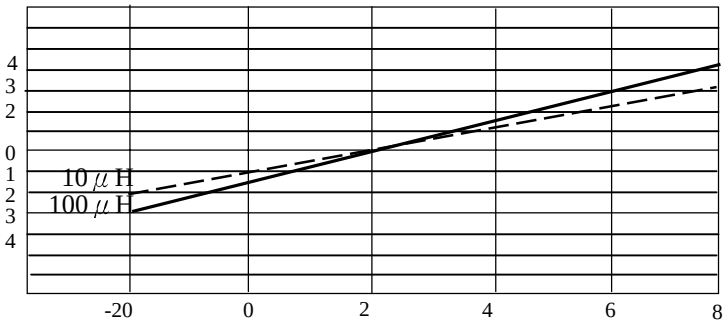
## ELECTRICAL CHARACTERISICS

Q VS.FREQUENCY RESPONSE



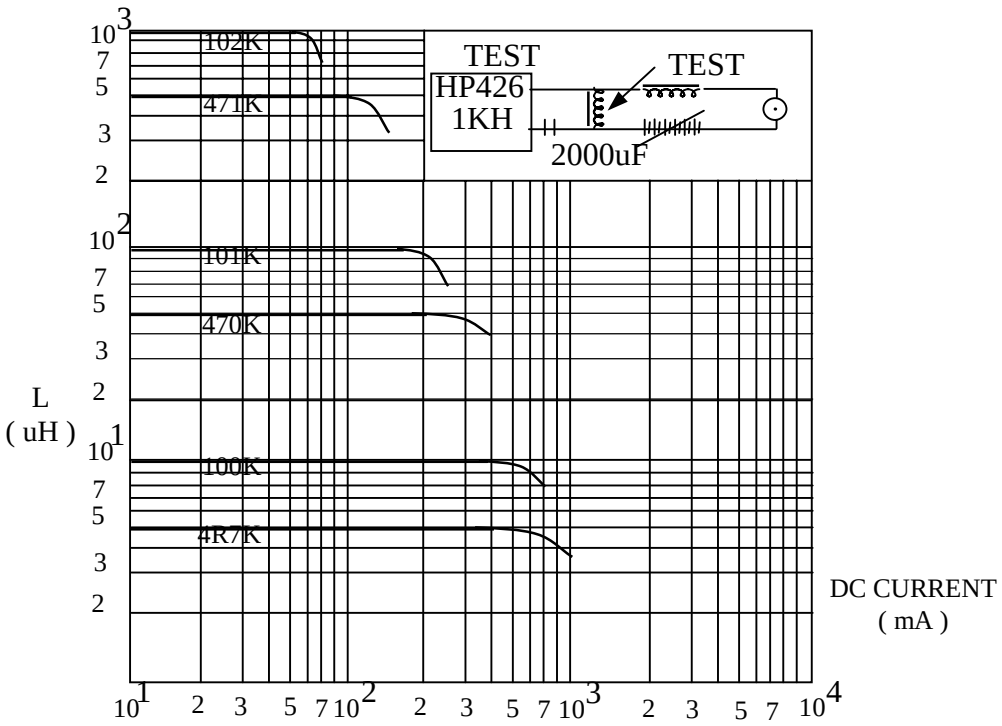

TEST EQUIPMENT: Q METER HP4342A

INDUCTANCE CHANGE VS. TEMPERATURE RESPONSE




TEST EQUIPMENT: LCZ METER HP4274A

INDUCTANCE VS.DC SPERPOSITION CHARACTERISTICS




## Mechanical Characteristics

| REQUIREMENTS | CHARACTERISTICS | TEST, ETHOD(DIS C 5321) |
|---|---|---|
| Terminal Strength (PULL) | No evidence of damage | Terminals shall withstand a pull of 0.5Kgf in a horizoninal direction. |
| Vibration | ΔL/L shall be within ±3%.<br>No evidence of damage | 2 hours in each direction of X, Y, Z on p-Board at a frequency range of 10-55-10HZ with 1.5mm amplitude. |
| Dropping | ΔL/L shall be within ±3%.<br>No evidence of damage | Dropping 1m over the ground of conctete or cement. |

## Electrical Characteristics

| REQUIREMENTS | CHARACTERISTICS | TEST, METHOD (JIS C 5321) |
|---|---|---|
| Resistance to Soldering Heat | No evidence of outer damage, ΔL/L shall be within ±3%. | Immerse in the solder (H63A) of 260±5℃ for 10±1 sec, leave for 2hrs at normal TEMP. |
| Solderability | More than 90% surface to be covered with new soldering. | Immerse in th solder (H63A) of 260±5℃ for 4±1 sec. |
| Dielectric with standing voltage | No evidence of damage | AV100V 60 SEC. |
| Insulation | No veidence of breakdown, resistor 1000 mohm and over. | DC500V 30 SEC |

## Endurance Test

| REQUIREMENTS | CHARACTERISTICS | TEST, METHOD (JIS C 5321) |
|---|---|---|
| LOW TEMP. Characteristics | No evidence of damage, ΔL/L within ±5%, ΔQ/Q within ±30% | Leave for 96±2hrs in a bath of TEMP. -40±2℃, measurements shall be performed after 1~2hrs at normal TEMP. |
| TEMP.Cycling | No evidence of damage, ΔL/L within ±5% | Keep for 30 Min. at TEMP. of -25℃~+85℃ at 5 cycle case of TEMP. Change from low to high and V.V.. |
| Temperature Characteristics | ΔL/L within ±3% | ΔL/L to be measured at the temperature of between -25℃ and + 85℃ |
| Moisture load Characteristics | No evidence of damage, ΔL/L within ±5%, ΔQ/Q within ±30% | TEMP. -40±2℃, Humidity 90~95% 96±2hrs, measurements shall be performed after 1~2hrs at normal TEMP.. |
| High Temp. overload Characteristics | No evidence of damage, ΔL/L within ±5%, ΔQ/Q within ±30% | Leave for 96±2hrs in a bath of TEMP. -85±2℃, measurements shall be performed after 1~2hrs at normal TEMP. |

# LF-5.0S (LGA0203) SERIES OF High FREQUENCY FIXED INDUCTORS

## A Brief Introduction to the Product

The LF-5.0(LGA0203) mini fixed inductor is made by automatic winding the thinner enamel -insulated wire on the " ⌶" model magnetic core. Our company imported the most advanced technology and equipment in the world and the whole process, from wire terminal inserting to wire winding and coating, is fully computerized controlled. The quality of the products is in compliance with JIS- C - 5321 standard. It is widely used in the electronic circuits of television sets, camcorders, video sets, VCD, communicating equipment and automobile working equipment.

## Feature

1. Small dimension, light weight,stable structure and high reliability. ⌶
2. Automated pass production and reasonable price.

## Materials

Ferrite DR core, enamelled copper wire, tinned copper flat, epoxy novolac moldind compound ⌶

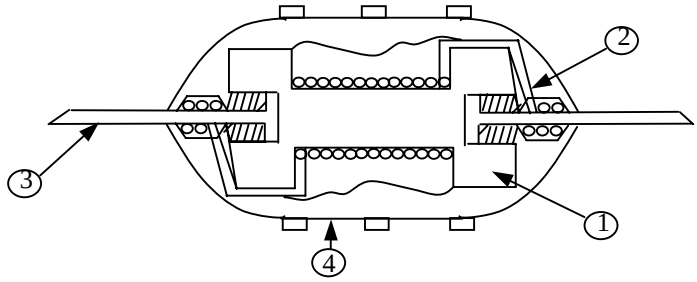
## Type Desighnation

⌶

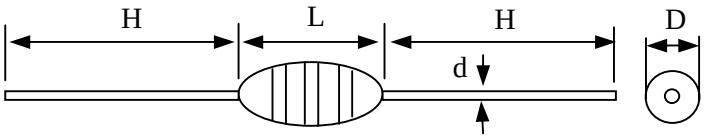
L F 5.0S

- 5.0S: Symbol for a type (for automatic insertion of axial tape with 5.0mm Lead-pitch)
- F: Symbol for a fixed inductor
- L: Symbol for a high-frequency inductor

## Configuration




1. FERRITE DR CORE
2. ENAMELLED COPPER WIRE
3. TINNED COPPER LEAD
4. EPOXY NOVOLAC MOLDIND COMPOUND




⌶

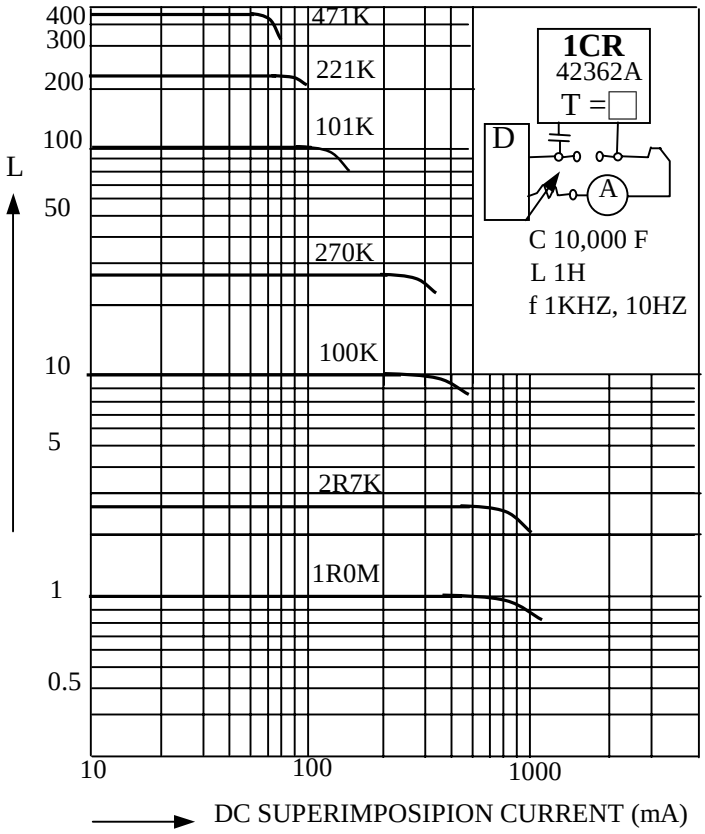
| TYPE | L | D | d | H |
|---|---|---|---|---|
| LF – 5.0S | 3.4Max. | 2.3Max. | 0.45 | 22Min |

## RATING

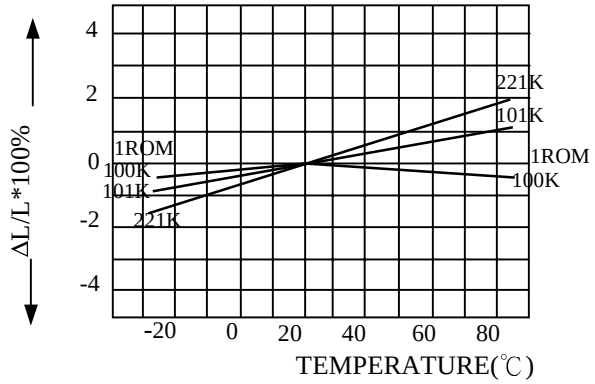
| Lf-5.0 ordering code | Normal inductance | Inductance tolerance | Q (min) | LQ measuring frequency | Self-resonant Frequency MHz | DC resistance (max) | Allowable DC, current (mA) | Color marking | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 1ST | 2ND | 3RD |
| R10 | 0.10 | ± 20% ± 10% | 35 | 25.2 | 300 | 0.18 | 700 | Brown | Black | Sliver |
| R12 | 0.12 | | | | | 0.20 | 660 | | Red | |
| R15 | 0.15 | | | | | 0.22 | 620 | | Green | |
| R18 | 0.18 | | | | | 0.24 | 600 | | Grey | |
| R22 | 0.22 | | | | 150 | 0.40 | 400 | Red | Red | |
| R27 | 0.27 | | | | | 0.43 | 380 | | Violet | |
| R33 | 0.33 | | | | | 0.48 | 370 | Orange | Orange | |
| R39 | 0.39 | | | | | 0.51 | 350 | | White | |
| R47 | 0.47 | | | | | 0.56 | 330 | Yellow | Violet | |
| R56 | 0.56 | | | | | 0.61 | 320 | Green | Blue | |
| R68 | 0.68 | | | | | 0.67 | 310 | Blue | Grey | |
| R82 | 0.82 | | | | | 0.74 | 290 | Grey | Red | |
| 1R0 | 1.0 | | | | | 0.80 | 270 | Brown | Black | Gold |
| 1R2 | 1.2 | | 40 | 7.96 | 110 | 0.90 | 260 | | Red | |
| 1R5 | 1.5 | | | | 80 | 1.00 | 250 | | Green | |
| 1R8 | 1.8 | | | | 60 | 1.10 | 240 | | Grey | |
| 2R2 | 2.2 | | | | 45 | 1.20 | 230 | Red | Red | |
| 2R7 | 2.7 | | | | 40 | 1.30 | 220 | | Violet | |
| 3R3 | 3.3 | ± 10% ± 5% | | | 38 | 1.40 | 210 | Orange | Orange | |
| 3R9 | 3.9 | | | | 35 | 1.60 | 200 | | White | |
| 4R7 | 4.7 | | | | 32 | 1.70 | 190 | Yellow | Violet | |
| 5R6 | 5.6 | | | | 30 | 1.90 | 180 | Green | Blue | |
| 6R8 | 6.8 | | | | 28 | 2.00 | 175 | Blue | Grey | |
| 8R2 | 8.2 | | | | 26 | 2.20 | 165 | Grey | Red | |
| 100 | 10 | | | | 24 | 2.50 | 160 | Brown | Black | Black |
| 120 | 12 | | | 2.52 | 22 | 2.50 | 150 | | Red | |
| 150 | 15 | | | | 20 | 2.80 | 145 | | Green | |
| 180 | 18 | | | | 18 | 3.10 | 140 | | Grey | |
| 220 | 22 | | | | 17 | 3.40 | 130 | Red | Red | |
| 270 | 27 | | | | 16 | 4.30 | 80 | | Violet | |
| 330 | 33 | | | | 14 | 4.70 | 76 | Orange | Orange | |
| 390 | 39 | | | | 13 | 5.20 | 74 | | White | |
| 470 | 47 | | | | 12 | 5.80 | 70 | Yellow | Violet | |
| 560 | 56 | | | | 11 | 6.40 | 68 | Green | Blue | |
| 680 | 68 | | | | 10 | 7.20 | 64 | Blue | Grey | |
| 820 | 82 | | | | 9.5 | 11.00 | 46 | Grey | Red | Brown |
| 101 | 100 | | | | 9.0 | 12.00 | 44 | Brown | Black | |
| 121 | 120 | | | 0.796 | 8.0 | 13.00 | 42 | | Red | |
| 151 | 150 | | | | 6.0 | 16.00 | 39 | | Green | |
| 181 | 180 | | | | 5.5 | 18.00 | 37 | | Grey | |
| 221 | 220 | | | | 5.0 | 20.00 | 35 | Red | Red | |
| 271 | 270 | | | | 4.6 | 26.00 | 28 | | Violet | |
| 331 | 330 | | | | 4.2 | 30.00 | 26 | Orange | Orange | |
| 391 | 390 | | | | 3.8 | 34.00 | 25 | | White | |
| 471 | 470 | | | | 3.5 | 38.00 | 24 | Yellow | Violet | |

## ELECTRICAL CHARACTERISICS

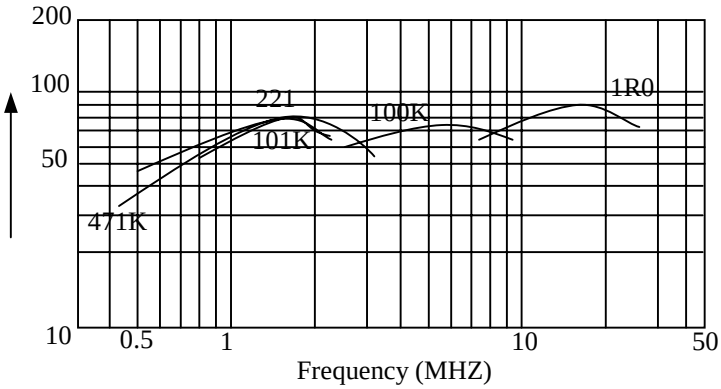
### DC SUPERMPOSITION




TEMPRATURE




Q-FREQUENCY CHARACTERISTICS




## Mechanical Characteristics

| REQUIREMENTS | CHARACTERISTICS | TEST METHOD(DIS C 5321) |
|---|---|---|
| Terminal Strength (PULL) | No evidence of damage | Terminals shall withstand a pull of 0.5Kgf in a horizoninal direction. |
| Terminal Strength (BEND) | No evidence of breakdown | Terminals shaal withstand a return bend of 250gf for 5 sec at a right angle to the axis, while being repeated the same to the opposite direction. |
| Vibration | No evidence of breakdown | 2 hours in each direction of X, Y, |

| | | |
|---|---|---|
| | | Z on p-Board at a frequency range of 10-55-10HZ with 1.5mm amplitude. |
| Dropping | No evidence of damage | Dropping 1m over the ground of conctete or cement. |

**Electrical Characteristics**

| REQUIREMENTS | CHARACTERISTICS | TEST, METHOD (JIS C 5321) |
|---|---|---|
| DC Superimposition | No evidence of outer damage, △L/L shall be within ±3%. | Immerse in the solder (H63A) of 260±5℃ for 10±1 sec, leave for 2hrs at normal TEMP. |
| Rise in Temperature | Within 20℃ | A rise in temperature, when the allowable current is appiled for 30 min., to be measured by athermoelectric thermometer. |
| Overcurrent Test | No noevidence of fuining or flaming. | The current twice the allowable current to be applied for 5 min. |
| Resistance to Soldering Heat | No evidence of outer damage | Immerse in the solder (H63A) of 270±5℃ for 5±0.5 sec. |
| Solderability | More than 75% circumference to be covered with new soldering. | Immerse in th solder (H63A) of 260±5℃ for 2±0.5 sec. |
| Dielectric with standing voltage | No evidence of fuming, flaming or breakdown | 500V 5 SEC.: V Block. |
| Insulation Resistance | 1000 Mohm and over | 500V 1 mim. : V Block. |

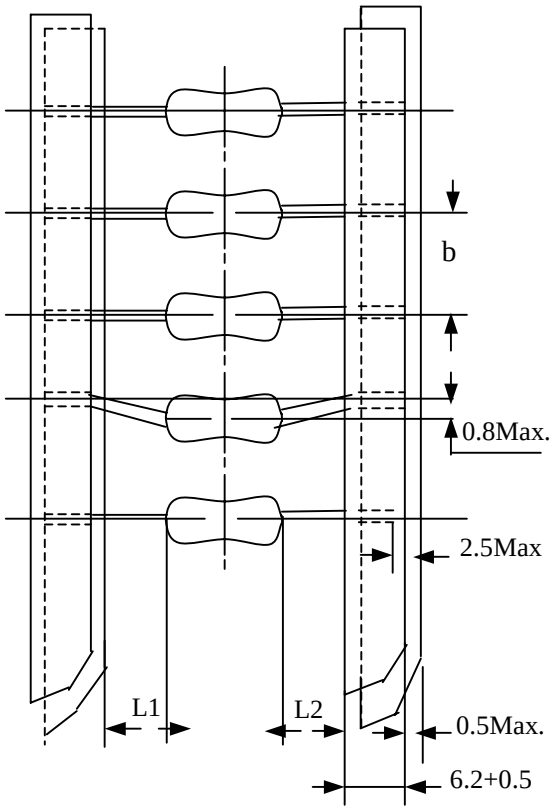
**Endurance Test**

| REQUIREMENTS | CHARACTERISTICS | TEST, METHOD (JIS C 5321) |
|---|---|---|
| LOW TEMP. Characteristics | △L/L within ±10%, Q: 30 and over | Leave for 1000 hrs in a bath of TEMP. -25±2℃. |
| Resistance of Heat | △L/L within ±10%, Q: 30 and over | Leave for 1000 hrs in a bath of TEMP. 85±2℃. |
| TEMP. Cycling | △L/L within ±10%, Q: 30 and over | Keep for 30 Min. at TEMP. of -25℃~+85℃ at 5 cycle case of TEMP. Change from low to high and V.V., leave for 10-15 min.at normal TEMP. |
| Temperature Characteristics | △L/L within ±5% | △L/L to be measured at the temperature of between -25℃ and + 85℃ as based on the temperature of 20℃. |
| Moisture load Characteristics | △L/L within ±10% | TEMP. -40±2℃, Humidity 90~95% 1000 hrs. |
| Endurance (moisture load) | △L/L within ±10% | Allowable current on for 1000 hrs continuously TEMP. 40±2℃ Huidity: 90-95% |
| Endurance (high Temp. overload) | △L/L within ±10% | Allowable current on for 1000 hrs continuously at TEMP. of 85±2℃ |

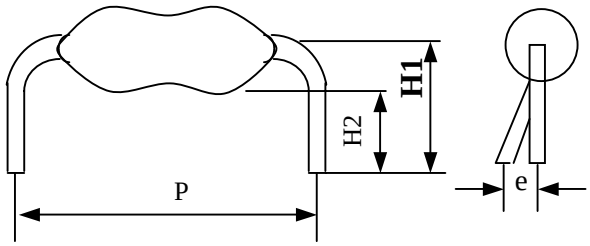
## TAPING FORMING DIMENSIONS

| AXIAL | M - FORMING |
|---|---|

Configuration Symbol (B) T-25T-26




Configuation Symbol (B) M




| TYPE | Configuration Symbol | DIMENSION mm | | | |
|---|---|---|---|---|---|
| | | P+1 | H1+1 | H2+1 | e |
| LF-5.0S | M5-5 | 5.0 | 6.1 | 5 | 1.7 |
| LF-7.5S | M7.5-7 | 7.5 | 6.7 | 5 | 1.7 |

| Configuration Symbol | DIMENSION mm | | |
|---|---|---|---|
| | a | b | c |
| T-26 | 26+1 | 5.0+0.3 | 0.5 |
| T-52 | 56+1 | 5.0+0.38 | 1.0 |

## PACKAGING

1. Bulk products are packed in bags, the bags are put in boxes;
2. Taping type products are folded packed in the printed packaged.

## STANDARD PACKING

| Configuration | Bulk | Axiala Style-Taping | Axiala Style-Taping | M-Foroming |
|---|---|---|---|---|
| LF-5.0s | A box containing 10 bags A bag of 200pcs | A box of 2000pcs | A box containing 10 bags | A bag of 200pcs |