

# Multilayer Chip Ferrite Inductor – SDFL Series

Operating Temp. : -40°C~+85°C



## FEATURES

- Monolithic structure for high reliability
- Compact size inductor possible
- No cross coupling due to magnetic shield
- Perfect shape for mounting with no directionality
- Excellent solderability and high heat resistance for reflow soldering or wave soldering

## APPLICATIONS

- Widely use in Communications, Video and audio equipment, Computer, Remote control, etc.

## PRODUCT IDENTIFICATION

| <u>SDFL</u><br>①                          | <u>1608</u><br>② | <u>Q</u><br>③  | <u>1R0</u><br>④  | <u>K</u><br>⑤  | <u>T</u><br>⑥                       | <u>F</u><br>⑦                               |
|---|------------------|--|--|--|-------------------------------------|---|
| ①<br>Type<br>SDFL   Chip Ferrite Inductor |                  | ②<br>External Dimensions (L×W) (mm)<br>1005 [0402]   1.0×0.5<br>1608 [0603]   1.6×0.8<br>2012 [0805]   2.0×1.25<br>3216 [1206]   3.2×1.6 |  |  | ③<br>Material Code<br>L, P, Q, S, T |   |
|   |                  |  | ④<br>Nominal Inductance<br>Example   Nominal Value<br>47N   0.047μH<br>R10   0.1μH<br>1R0   1.0μH<br>※R= decimal point, N=nH | ⑤<br>Inductance Tolerance<br>I   ±7%<br>K   ±10%<br>L   ±15%<br>M   ±20% | ⑥<br>Packing<br>T   Tape & Reel     | ⑦<br>Hazardous Substance Free Products<br>F |

## SHAPE AND DIMENSIONS



Unit: mm [inch]

| Type               | L   | W                       | T  | a                       |
|--------------------|---|-------------------------|--|-------------------------|
| SDFL1005<br>[0402] | 1.0±0.15<br>[.039±.006]                   | 0.5±0.15<br>[.020±.006] | 0.5±0.15<br>[.020±.006]                            | 0.25±0.1<br>[.010±.004] |
| SDFL1608<br>[0603] | 1.6±0.15<br>[.063±.006]                   | 0.8±0.15<br>[.031±.006] | 0.8±0.15<br>[.031±.006]                            | 0.3±0.2<br>[.012±.008]  |
| SDFL2012<br>[0805] | 2.0 (+0.3, -0.1)<br>[.079 (+.012, -.004)] | 1.25±0.2<br>[.049±.008] | 0.85±0.2<br>[.033±.008]<br>1.25±0.2<br>[.049±.008] | 0.5±0.3<br>[.020±.012]  |
| SDFL3216<br>[1206] | 3.2±0.2<br>[.126±.008]                    | 1.6±0.2<br>[.063±.008]  | 0.85±0.2<br>[.033±.008]<br>1.1±0.2<br>[.043±.008]  | 0.5±0.3<br>[.020±.012]  |

## SPECIFICATIONS

### SDFL1005 Series

| Part Number     | Inductance | Min. Quality Factor | L, Q Test Freq.L/Q | Min. Self-resonant Frequency | Max. DC Resistance | Max. Rated Current | Thickness               |
|-----------------|------------|---------------------|--------------------|------------------------------|--------------------|--------------------|-------------------------|
| Units           | μH         | -                   | MHz                | MHz                          | Ω                  | mA                 | mm [inch]               |
| Symbol          | L          | Q                   | Freq.              | S.R.F                        | DCR                | Ir                 | T                       |
| SDFL1005L47N□TF | 0.047      | 10                  | 50                 | 220                          | 0.45               | 25                 | 0.5±0.15<br>[.020±.006] |
| SDFL1005L68N□TF | 0.068      | 10                  | 50                 | 210                          | 0.45               | 25                 |                         |
| SDFL1005L82N□TF | 0.082      | 10                  | 50                 | 200                          | 0.45               | 25                 |                         |
| SDFL1005LR10□TF | 0.1        | 10                  | 25                 | 200                          | 0.8                | 25                 |                         |
| SDFL1005LR12□TF | 0.12       | 10                  | 25                 | 165                          | 0.8                | 25                 |                         |
| SDFL1005LR15□TF | 0.15       | 10                  | 25                 | 140                          | 0.9                | 25                 |                         |
| SDFL1005LR18□TF | 0.18       | 10                  | 25                 | 120                          | 0.9                | 25                 |                         |
| SDFL1005LR22□TF | 0.22       | 10                  | 25                 | 110                          | 1.2                | 25                 |                         |
| SDFL1005LR27□TF | 0.27       | 15                  | 25                 | 95                           | 1.2                | 25                 |                         |
| SDFL1005LR33□TF | 0.33       | 15                  | 25                 | 85                           | 1.25               | 18                 |                         |
| SDFL1005QR39□TF | 0.39       | 20                  | 10                 | 85                           | 0.6                | 15                 |                         |
| SDFL1005QR47□TF | 0.47       | 20                  | 10                 | 80                           | 0.7                | 15                 |                         |
| SDFL1005QR56□TF | 0.56       | 20                  | 10                 | 75                           | 0.8                | 15                 |                         |
| SDFL1005QR68□TF | 0.68       | 20                  | 10                 | 70                           | 0.9                | 15                 |                         |
| SDFL1005QR82□TF | 0.82       | 20                  | 10                 | 65                           | 0.9                | 15                 |                         |
| SDFL1005P1R0□TF | 1.0        | 20                  | 10                 | 60                           | 1.0                | 15                 |                         |
| SDFL1005P1R2□TF | 1.2        | 20                  | 10                 | 55                           | 1.25               | 15                 |                         |
| SDFL1005P1R5□TF | 1.5        | 20                  | 10                 | 50                           | 1.4                | 15                 |                         |
| SDFL1005P1R8□TF | 1.8        | 20                  | 10                 | 45                           | 1.55               | 15                 |                         |
| SDFL1005P2R2□TF | 2.2        | 20                  | 10                 | 40                           | 1.7                | 10                 |                         |
| SDFL1005Q1R0□TF | 1.0        | 20                  | 10                 | 40                           | 0.9                | 15                 |                         |
| SDFL1005Q1R2□TF | 1.2        | 20                  | 10                 | 35                           | 1.2                | 15                 |                         |
| SDFL1005Q1R5□TF | 1.5        | 20                  | 10                 | 30                           | 1.2                | 15                 |                         |
| SDFL1005Q1R8□TF | 1.8        | 20                  | 10                 | 30                           | 1.45               | 15                 |                         |
| SDFL1005Q2R2□TF | 2.2        | 20                  | 10                 | 28                           | 1.7                | 10                 |                         |
| SDFL1005Q2R7□TF | 2.7        | 20                  | 10                 | 28                           | 2.4                | 10                 |                         |
| SDFL1005Q3R3□TF | 3.3        | 20                  | 10                 | 28                           | 2.7                | 10                 |                         |

### SDFL1608 Series

| Part Number     | Inductance | Min. Quality Factor | L, Q Test Freq.L/Q | Min. Self-resonant Frequency | Max. DC Resistance | Max. Rated Current | Thickness               |
|-----------------|------------|---------------------|--------------------|------------------------------|--------------------|--------------------|-------------------------|
| Units           | μH         | -                   | MHz                | MHz                          | Ω                  | mA                 | mm [inch]               |
| Symbol          | L          | Q                   | Freq.              | S.R.F                        | DCR                | Ir                 | T                       |
| SDFL1608L47N□TF | 0.047      | 10                  | 50                 | 260                          | 0.3                | 50                 | 0.8±0.15<br>[.031±.006] |
| SDFL1608L68N□TF | 0.068      | 10                  | 50                 | 250                          | 0.3                | 50                 |                         |
| SDFL1608L82N□TF | 0.082      | 10                  | 50                 | 245                          | 0.3                | 50                 |                         |
| SDFL1608LR10□TF | 0.1        | 15                  | 25                 | 240                          | 0.5                | 50                 |                         |
| SDFL1608LR12□TF | 0.12       | 15                  | 25                 | 205                          | 0.5                | 50                 |                         |
| SDFL1608LR15□TF | 0.15       | 15                  | 25                 | 180                          | 0.6                | 50                 |                         |
| SDFL1608LR18□TF | 0.18       | 15                  | 25                 | 165                          | 0.6                | 50                 |                         |
| SDFL1608LR22□TF | 0.22       | 15                  | 25                 | 150                          | 0.8                | 50                 |                         |
| SDFL1608LR27□TF | 0.27       | 15                  | 25                 | 136                          | 0.8                | 50                 |                         |
| SDFL1608LR33□TF | 0.33       | 15                  | 25                 | 125                          | 0.85               | 35                 |                         |
| SDFL1608LR39□TF | 0.39       | 15                  | 25                 | 110                          | 1.0                | 35                 |                         |
| SDFL1608LR47□TF | 0.47       | 15                  | 25                 | 105                          | 1.35               | 35                 |                         |
| SDFL1608LR56□TF | 0.56       | 15                  | 25                 | 95                           | 1.55               | 35                 |                         |

# SPECIFICATIONS

## SDFL1608 Series

| Part Number     | Inductance | Min. Quality Factor | L, Q Test Freq.L/Q | Min. Self-resonant Frequency | Max. DC Resistance | Max. Rated Current | Thickness               |
|-----------------|------------|---------------------|--------------------|------------------------------|--------------------|--------------------|-------------------------|
| Units           | μH         | -                   | MHz                | MHz                          | Ω                  | mA                 | mm [inch]               |
| Symbol          | L          | Q                   | Freq.              | S.R.F                        | DCR                | I <sub>r</sub>     | T                       |
| SDFL1608LR68□TF | 0.68       | 15                  | 25                 | 90                           | 1.7                | 35                 | 0.8±0.15<br>[.031±.006] |
| SDFL1608LR82□TF | 0.82       | 15                  | 25                 | 85                           | 2.1                | 35                 |                         |
| SDFL1608P1R0□TF | 1.0        | 35                  | 10                 | 90                           | 0.6                | 25                 |                         |
| SDFL1608P1R1□TF | 1.1        | 35                  | 10                 | 90                           | 0.6                | 25                 |                         |
| SDFL1608P1R2□TF | 1.2        | 35                  | 10                 | 85                           | 0.8                | 25                 |                         |
| SDFL1608P1R5□TF | 1.5        | 35                  | 10                 | 80                           | 0.8                | 25                 |                         |
| SDFL1608P1R8□TF | 1.8        | 35                  | 10                 | 75                           | 0.95               | 25                 |                         |
| SDFL1608P2R2□TF | 2.2        | 35                  | 10                 | 70                           | 1.15               | 15                 |                         |
| SDFL1608Q1R0□TF | 1.0        | 35                  | 10                 | 75                           | 0.6                | 25                 |                         |
| SDFL1608Q1R1□TF | 1.1        | 35                  | 10                 | 75                           | 0.6                | 25                 |                         |
| SDFL1608Q1R2□TF | 1.2        | 35                  | 10                 | 65                           | 0.8                | 25                 |                         |
| SDFL1608Q1R5□TF | 1.5        | 35                  | 10                 | 60                           | 0.8                | 25                 |                         |
| SDFL1608Q1R8□TF | 1.8        | 35                  | 10                 | 55                           | 0.95               | 25                 |                         |
| SDFL1608Q2R2□TF | 2.2        | 35                  | 10                 | 50                           | 1.15               | 15                 |                         |
| SDFL1608Q2R7□TF | 2.7        | 35                  | 10                 | 45                           | 1.35               | 15                 |                         |
| SDFL1608Q3R3□TF | 3.3        | 35                  | 10                 | 40                           | 1.55               | 15                 |                         |
| SDFL1608Q3R9□TF | 3.9        | 35                  | 10                 | 35                           | 1.7                | 15                 |                         |
| SDFL1608Q4R7□TF | 4.7        | 35                  | 10                 | 33                           | 2.1                | 15                 |                         |
| SDFL1608S5R6□TF | 5.6        | 35                  | 4                  | 22                           | 1.55               | 5                  |                         |
| SDFL1608S6R8□TF | 6.8        | 35                  | 4                  | 20                           | 1.7                | 5                  |                         |
| SDFL1608S8R2□TF | 8.2        | 35                  | 4                  | 18                           | 2.1                | 5                  |                         |
| SDFL1608S100□TF | 10         | 30                  | 2                  | 17                           | 1.85               | 3                  |                         |
| SDFL1608S120□TF | 12         | 30                  | 2                  | 15                           | 2.1                | 3                  |                         |
| SDFL1608T150□TF | 15         | 20                  | 1                  | 14                           | 1.7                | 1                  |                         |
| SDFL1608T180□TF | 18         | 20                  | 1                  | 13                           | 1.85               | 1                  |                         |
| SDFL1608T220□TF | 22         | 20                  | 1                  | 11                           | 2.1                | 1                  |                         |
| SDFL1608T270□TF | 27         | 20                  | 1                  | 10                           | 2.75               | 1                  |                         |
| SDFL1608T330□TF | 33         | 20                  | 1                  | 9                            | 2.95               | 1                  |                         |

## SDFL2012 Series

| Part Number     | Inductance | Min. Quality Factor | L, Q Test Freq.L/Q | Min. Self-resonant Frequency | Max. DC Resistance | Max. Rated Current | Thickness               |
|-----------------|------------|---------------------|--------------------|------------------------------|--------------------|--------------------|-------------------------|
| Units           | μH         | -                   | MHz                | MHz                          | Ω                  | mA                 | mm [inch]               |
| Symbol          | L          | Q                   | Freq.              | S.R.F                        | DCR                | I <sub>r</sub>     | T                       |
| SDFL2012L47N□TF | 0.047      | 15                  | 50                 | 320                          | 0.2                | 300                | 0.85±0.2<br>[.033±.008] |
| SDFL2012L68N□TF | 0.068      | 15                  | 50                 | 280                          | 0.2                | 300                |                         |
| SDFL2012L82N□TF | 0.082      | 15                  | 50                 | 255                          | 0.2                | 300                |                         |
| SDFL2012LR10□TF | 0.1        | 20                  | 25                 | 235                          | 0.3                | 250                |                         |
| SDFL2012LR12□TF | 0.12       | 20                  | 25                 | 220                          | 0.3                | 250                |                         |
| SDFL2012LR15□TF | 0.15       | 20                  | 25                 | 200                          | 0.4                | 250                |                         |
| SDFL2012LR18□TF | 0.18       | 20                  | 25                 | 185                          | 0.4                | 250                |                         |
| SDFL2012LR22□TF | 0.22       | 20                  | 25                 | 170                          | 0.5                | 250                |                         |
| SDFL2012LR27□TF | 0.27       | 20                  | 25                 | 150                          | 0.5                | 250                |                         |
| SDFL2012LR33□TF | 0.33       | 20                  | 25                 | 145                          | 0.55               | 250                |                         |
| SDFL2012LR39□TF | 0.39       | 25                  | 25                 | 135                          | 0.65               | 200                |                         |
| SDFL2012LR47□TF | 0.47       | 25                  | 25                 | 125                          | 0.65               | 200                |                         |

# SPECIFICATIONS

## SDFL2012 Series

| Part Number     | Inductance | Min. Quality Factor | L, Q Test Freq.L/Q | Min. Self-resonant Frequency | Max. DC Resistance | Max. Rated Current | Thickness               |
|-----------------|------------|---------------------|--------------------|------------------------------|--------------------|--------------------|-------------------------|
| Units           | μH         | -                   | MHz                | MHz                          | Ω                  | mA                 | mm [inch]               |
| Symbol          | L          | Q                   | Freq.              | S.R.F                        | DCR                | Ir                 | T                       |
| SDFL2012LR56□TF | 0.56       | 25                  | 25                 | 115                          | 0.75               | 150                | 0.85±0.2<br>[.033±.008] |
| SDFL2012LR68□TF | 0.68       | 25                  | 25                 | 105                          | 0.8                | 150                |                         |
| SDFL2012LR82□TF | 0.82       | 25                  | 25                 | 100                          | 1                  | 150                |                         |
| SDFL2012P1R0□TF | 1.0        | 45                  | 10                 | 95                           | 0.4                | 50                 |                         |
| SDFL2012P1R2□TF | 1.2        | 45                  | 10                 | 85                           | 0.5                | 50                 |                         |
| SDFL2012P1R5□TF | 1.5        | 45                  | 10                 | 80                           | 0.5                | 50                 |                         |
| SDFL2012P1R8□TF | 1.8        | 45                  | 10                 | 75                           | 0.6                | 50                 |                         |
| SDFL2012P2R2□TF | 2.2        | 45                  | 10                 | 70                           | 0.65               | 30                 |                         |
| SDFL2012Q1R0□TF | 1.0        | 45                  | 10                 | 75                           | 0.4                | 50                 |                         |
| SDFL2012Q1R1□TF | 1.1        | 45                  | 10                 | 65                           | 0.5                | 50                 |                         |
| SDFL2012Q1R2□TF | 1.2        | 45                  | 10                 | 65                           | 0.5                | 50                 |                         |
| SDFL2012Q1R5□TF | 1.5        | 45                  | 10                 | 60                           | 0.5                | 50                 |                         |
| SDFL2012Q1R8□TF | 1.8        | 45                  | 10                 | 55                           | 0.6                | 50                 |                         |
| SDFL2012Q2R2□TF | 2.2        | 45                  | 10                 | 50                           | 0.65               | 30                 |                         |
| SDFL2012Q2R4□TF | 2.4        | 45                  | 10                 | 47                           | 0.70               | 30                 |                         |
| SDFL2012Q2R7□TF | 2.7        | 45                  | 10                 | 45                           | 0.75               | 30                 |                         |
| SDFL2012Q3R3□TF | 3.3        | 45                  | 10                 | 41                           | 0.8                | 30                 |                         |
| SDFL2012Q3R9□TF | 3.9        | 45                  | 10                 | 38                           | 0.9                | 30                 |                         |
| SDFL2012Q4R7□TF | 4.7        | 45                  | 10                 | 35                           | 1                  | 30                 |                         |
| SDFL2012S5R6□TF | 5.6        | 50                  | 4                  | 32                           | 0.9                | 15                 |                         |
| SDFL2012S6R8□TF | 6.8        | 50                  | 4                  | 29                           | 1                  | 15                 |                         |
| SDFL2012S8R2□TF | 8.2        | 50                  | 4                  | 26                           | 1.1                | 15                 |                         |
| SDFL2012S100□TF | 10         | 50                  | 2                  | 24                           | 1.15               | 15                 |                         |
| SDFL2012S120□TF | 12         | 50                  | 2                  | 22                           | 1.25               | 15                 |                         |
| SDFL2012T150□TF | 15         | 30                  | 1                  | 19                           | 0.8                | 5                  |                         |
| SDFL2012T180□TF | 18         | 30                  | 1                  | 18                           | 0.9                | 5                  |                         |
| SDFL2012T220□TF | 22         | 30                  | 1                  | 16                           | 1.1                | 5                  |                         |
| SDFL2012T270□TF | 27         | 30                  | 1                  | 14                           | 1.15               | 5                  |                         |
| SDFL2012T330□TF | 33         | 30                  | 0.4                | 13                           | 1.25               | 5                  | 1.25±0.2<br>[.049±.008] |
| SDFL2012T390□TF | 39         | 35                  | 2                  | 8                            | 2.9                | 4                  |                         |
| SDFL2012T470□TF | 47         | 35                  | 2                  | 7.5                          | 3                  | 4                  |                         |

## SDFL3216 Series

| Part Number     | Inductance | Min. Quality Factor | L, Q Test Freq.L/Q | Min. Self-resonant Frequency | Max. DC Resistance | Max. Rated Current | Thickness               |
|-----------------|------------|---------------------|--------------------|------------------------------|--------------------|--------------------|-------------------------|
| Units           | μH         | -                   | MHz                | MHz                          | Ω                  | mA                 | mm [inch]               |
| Symbol          | L          | Q                   | Freq.              | S.R.F                        | DCR                | Ir                 | T                       |
| SDFL3216L47N□TF | 0.047      | 20                  | 50                 | 320                          | 0.15               | 300                | 0.85±0.2<br>[.033±.008] |
| SDFL3216L68N□TF | 0.068      | 20                  | 50                 | 280                          | 0.25               | 300                |                         |
| SDFL3216LR10□TF | 0.1        | 20                  | 25                 | 235                          | 0.25               | 250                |                         |
| SDFL3216LR12□TF | 0.12       | 20                  | 25                 | 220                          | 0.3                | 250                |                         |
| SDFL3216LR15□TF | 0.15       | 20                  | 25                 | 200                          | 0.3                | 250                |                         |
| SDFL3216LR18□TF | 0.18       | 20                  | 25                 | 185                          | 0.4                | 250                |                         |
| SDFL3216LR22□TF | 0.22       | 20                  | 25                 | 170                          | 0.4                | 250                |                         |
| SDFL3216LR27□TF | 0.27       | 20                  | 25                 | 150                          | 0.5                | 250                |                         |
| SDFL3216LR33□TF | 0.33       | 20                  | 25                 | 145                          | 0.6                | 250                |                         |
| SDFL3216LR39□TF | 0.39       | 25                  | 25                 | 135                          | 0.5                | 200                |                         |

# SPECIFICATIONS

## SDFL3216 Series

| Part Number     | Inductance    | Min. Quality Factor | L, Q Test Freq.L/Q | Min. Self-resonant Frequency | Max. DC Resistance | Max. Rated Current | Thickness               |
|-----------------|---------------|---------------------|--------------------|------------------------------|--------------------|--------------------|-------------------------|
| Units           | $\mu\text{H}$ | -                   | MHz                | MHz                          | $\Omega$           | mA                 | mm [inch]               |
| Symbol          | L             | Q                   | Freq.              | S.R.F                        | DCR                | I <sub>r</sub>     | T                       |
| SDFL3216LR47□TF | 0.47          | 25                  | 25                 | 125                          | 0.6                | 200                | 0.85±0.2<br>[.033±.008] |
| SDFL3216LR56□TF | 0.56          | 25                  | 25                 | 115                          | 0.7                | 150                |                         |
| SDFL3216LR68□TF | 0.68          | 25                  | 25                 | 105                          | 0.8                | 150                |                         |
| SDFL3216LR82□TF | 0.82          | 25                  | 25                 | 100                          | 0.9                | 150                |                         |
| SDFL3216Q1R0□TF | 1.0           | 45                  | 10                 | 75                           | 0.4                | 100                |                         |
| SDFL3216Q1R2□TF | 1.2           | 45                  | 10                 | 65                           | 0.5                | 100                |                         |
| SDFL3216Q1R5□TF | 1.5           | 45                  | 10                 | 60                           | 0.5                | 50                 |                         |
| SDFL3216Q1R8□TF | 1.8           | 45                  | 10                 | 55                           | 0.5                | 50                 |                         |
| SDFL3216Q2R2□TF | 2.2           | 45                  | 10                 | 50                           | 0.6                | 50                 |                         |
| SDFL3216Q2R7□TF | 2.7           | 45                  | 10                 | 45                           | 0.6                | 50                 |                         |
| SDFL3216Q3R3□TF | 3.3           | 45                  | 10                 | 41                           | 0.7                | 50                 |                         |
| SDFL3216Q3R9□TF | 3.9           | 45                  | 10                 | 38                           | 0.8                | 50                 |                         |
| SDFL3216Q4R7□TF | 4.7           | 45                  | 10                 | 35                           | 0.9                | 50                 |                         |
| SDFL3216S5R6□TF | 5.6           | 50                  | 4                  | 32                           | 0.7                | 25                 |                         |
| SDFL3216S6R8□TF | 6.8           | 50                  | 4                  | 29                           | 0.8                | 25                 |                         |
| SDFL3216S8R2□TF | 8.2           | 50                  | 4                  | 26                           | 0.9                | 25                 |                         |
| SDFL3216S100□TF | 10            | 50                  | 2                  | 24                           | 1                  | 25                 |                         |
| SDFL3216S120□TF | 12            | 50                  | 2                  | 22                           | 1.05               | 15                 |                         |
| SDFL3216T150□TF | 15            | 35                  | 1                  | 19                           | 0.7                | 5                  |                         |
| SDFL3216T180□TF | 18            | 35                  | 1                  | 18                           | 0.7                | 5                  |                         |
| SDFL3216T220□TF | 22            | 35                  | 1                  | 16                           | 0.9                | 5                  |                         |
| SDFL3216T270□TF | 27            | 35                  | 1                  | 14                           | 0.9                | 5                  |                         |
| SDFL3216T330□TF | 33            | 35                  | 0.4                | 13                           | 1.05               | 5                  | 1.10±0.2<br>[.043±.008] |
| SDFL3216T390□TF | 39            | 40                  | 2                  | 11                           | 3                  | 5                  |                         |
| SDFL3216T470□TF | 47            | 40                  | 2                  | 10                           | 3.4                | 5                  |                         |

※ □: Please specify the inductance tolerance code (I=±7%,K=±10%,L=±15%, M=±20%). The product with tolerance less than ±7% is also available. Please contact your local sales.

## TYPICAL ELECTRICAL CHARACTERISTICS

### SDFL1005 Series

Inductance vs. DC Current Characteristics



### SDFL1608 Series

Inductance vs. DC Current Characteristics



# TYPICAL ELECTRICAL CHARACTERISTICS

## SDFL1005 Series

Inductance vs. Temperature Characteristics



## SDFL1608 Series

Inductance vs. Temperature Characteristics



Q vs. Frequency Characteristics



Q vs. Frequency Characteristics



## SDFL2012 Series

Inductance vs. DC Current Characteristics



## SDFL3216 Series

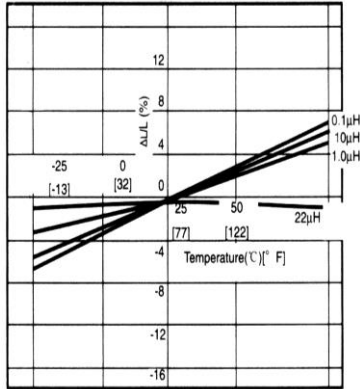
Inductance vs. DC Current Characteristics



# TYPICAL ELECTRICAL CHARACTERISTICS

## SDFL2012 Series

### Inductance vs. Temperature Characteristics



## SDFL3216 Series

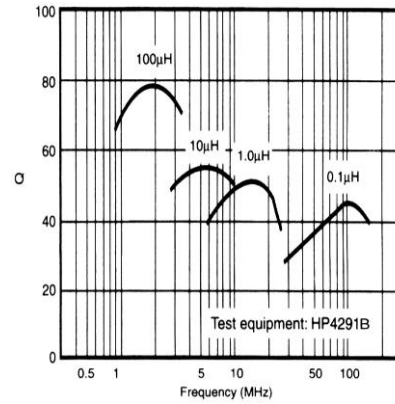
### Inductance vs. Temperature Characteristics



### Q vs. Frequency Characteristics



### Q vs. Frequency Characteristics



## X-ON Electronics

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