

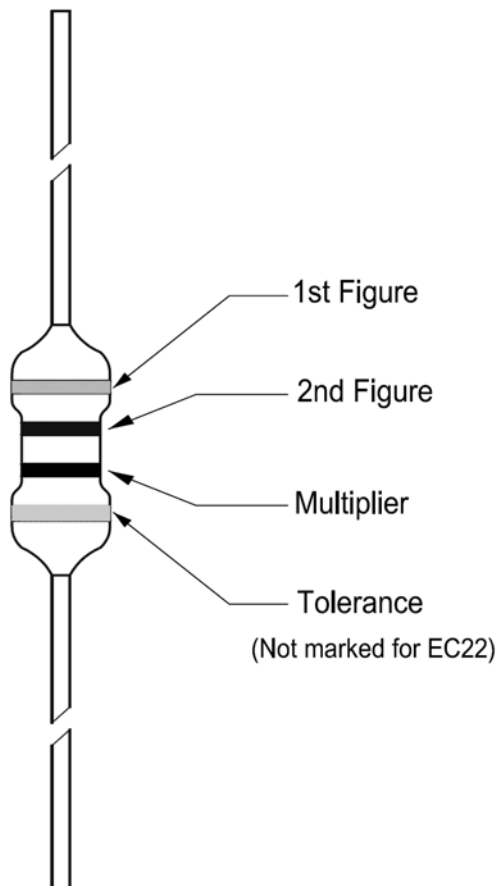
In **EC TYPE** series color band are marked for identification. These bands

indicate inductance value and tolerance. For values below 0.1uH, Gold indicates the decimal point and the next three bands indicate inductance value.

There is no tolerance marked for values below 0.1uH.

In **EC22** series due to limitation in size, only three color bands indicating inductance

value are marked without decimal value and tolerance.

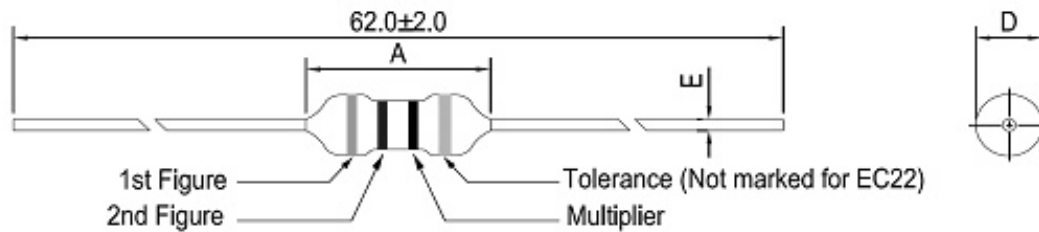


| Color          | Nominal inductance (uH) |               |            |           |
|----------------|-------------------------|---------------|------------|-----------|
|                | First figure            | Second figure | Multiplier | Tolerance |
| Black (Bk)     | 0                       |               | 1          | ±20%      |
| Brown (Bn)     | 1                       |               | 10         | -         |
| Red (R)        | 2                       |               | 100        | -         |
| Orange (O)     | 3                       |               | 1000       | -         |
| Yellow (Y)     | 4                       |               | -          | -         |
| Green (Gn)     | 5                       |               | -          | -         |
| Blue (Be)      | 6                       |               | -          | -         |
| Violet (V)     | 7                       |               | -          | -         |
| Gray (Gy)      | 8                       |               | -          | -         |
| White (W)      | 9                       |               | -          | -         |
| Silver (S)     | -                       |               | 0.01       | ±10%      |
| Gold (Gd)      | -                       |               | 0.10       | ±5%       |
| <b>Example</b> |                         |               |            |           |
| 56uH           | Green                   | Blue          | Black      | Silver    |
| ±10%           |                         |               |            |           |

### Shape and Size : (Dimensions are in mm)



| 3L P/N | A       | D      | E         |
|--------|---------|--------|-----------|
| EC22   | 4.0max  | 2.8max | 0.50±0.05 |
| EC23   | 6.35max | 2.3max | 0.50±0.05 |
| EC24   | 7.62max | 3.0max | 0.55±0.05 |
| EC36   | 10.5max | 4.0max | 0.65±0.05 |
| EC38   | 12.7max | 4.2max | 0.65±0.05 |
| EC46   | 12.0max | 5.0max | 0.65±0.05 |
| EC0410 | 15.0max | 5.0max | 0.65±0.05 |



### Features :

- Conformal coated inductors .
- Treated with epoxy resin coating makes it high reliability.
- EC22/24/36/46 with special magnetic core structure. contributes to high Q and high SRF.
- EC38 / 0410 for power application.
- EC23 / EC24 / EC36 for inductance below 1.0uH use ceramic core.
- Tape and reel packaging for automatic insertion.

### Ordering information :

- EC 24 - 560 K - T5A**
- (1) (2) (3) (4) (5)
- (1) Type: **Epoxy Coated**.
- (2) Style: **According to core size**.
- (3) Inductance: Example: **"560"** for 56uH.
- (4) Tolerance: **"M"** : ±20% ; **"K"** : ±10% ; **"J"** : ±5% .
- (5) Other information: **"T5, T2, T5A, TF4, TF5, TF6"** represents the Packing Mode, No code: Bulk.  
**"U, F"** represents the shape.

### Inductance and rated current ranges :

|          |                  |               |
|----------|------------------|---------------|
| • EC22   | 0.10uH ~ 1.0mH   | 700mA ~ 20mA  |
| • EC23   | 0.047uH ~ 0.82uH | 1.2A ~ 260mA  |
| • EC24   | 0.10uH ~ 1.0mH   | 700mA ~ 60mA  |
| • EC36   | 0.10uH ~ 1.0uH   | 900mA ~ 100mA |
| • EC38   | 1.0uH ~ 10.0mH   | 3.0A ~ 30mA   |
| • EC46   | 1.2mH ~ 33mH     | 110mA ~ 20mA  |
| • EC0410 | 1.0uH ~ 47mH     | 3.8A ~ 100mA  |

### Characteristics :

- Rated DC Current: It is either the inductance is 10% lower than its initial value in D.C. saturation characteristics or temperature raise becomes  $\Delta T=20^{\circ}\text{C}$  ( $T_a=20^{\circ}\text{C}$ ), whichever is lower.
- Operating temperature ranges: -20 to 80 ° C.
- Storage temperature ranges: -40 to 80 ° C.
- Dielectric with standing voltage: 250V AC r.m.s.

### Test equipments and test setup :

- L & Q: HP 4285A with HP42851A (Freq. >75kHz).
- L & Q: HP 4284A (Freq.<75kHz).
- DCR : Milli-ohm meter.
- SRF : HM 9461 L-SRF meter.
- Electrical specifications at 25°C .

### Applications:

- Televisions, personal computers.
- Radios, telephones.
- Others various electronic products.

| Part No.          | L<br>uH     | Q<br>Min. | L.Q Test<br>Freq.<br>MHz | SRF<br>( MHz )<br>Min. | DCR<br>( Ohm )<br>Max. | Rated DC<br>Current<br>(mA) Max. | Color code |           |           |
|-------------------|-------------|-----------|--------------------------|------------------------|------------------------|----------------------------------|------------|-----------|-----------|
|                   |             |           |                          |                        |                        |                                  | 1st        | 2nd       | 3rd       |
| <b>EC22 -1R0K</b> | <b>0.10</b> | <b>50</b> | <b>25.2</b>              | <b>250</b>             | <b>0.030</b>           | <b>700</b>                       | <b>Bn</b>  | <b>Bk</b> | <b>S</b>  |
| EC22 -R12M        | 0.12        | 55        | 25.2                     | 230                    | 0.035                  | 660                              | Bn         | R         | S         |
| EC22 -R15M        | 0.15        | 55        | 25.2                     | 200                    | 0.040                  | 620                              | Bn         | Gn        | S         |
| EC22 -R18M        | 0.18        | 55        | 25.2                     | 180                    | 0.045                  | 600                              | Bn         | Gy        | S         |
| EC22 -R22M        | 0.22        | 55        | 25.2                     | 160                    | 0.050                  | 400                              | R          | R         | S         |
| EC22 -R27M        | 0.27        | 50        | 25.2                     | 150                    | 0.065                  | 380                              | R          | V         | S         |
| EC22 -R33M        | 0.33        | 50        | 25.2                     | 150                    | 0.075                  | 370                              | O          | O         | S         |
| EC22 -R39M        | 0.39        | 50        | 25.2                     | 150                    | 0.080                  | 350                              | O          | W         | S         |
| EC22 -R47M        | 0.47        | 60        | 25.2                     | 150                    | 0.085                  | 330                              | Y          | V         | S         |
| EC22 -R56M        | 0.56        | 60        | 25.2                     | 150                    | 0.090                  | 320                              | Gn         | Be        | S         |
| EC22 -R68M        | 0.68        | 50        | 25.2                     | 120                    | 0.10                   | 310                              | Be         | Gy        | S         |
| EC22 -R82M        | 0.82        | 50        | 25.2                     | 110                    | 0.15                   | 290                              | Gy         | R         | S         |
| <b>EC22 -1R0K</b> | <b>1.0</b>  | <b>50</b> | <b>25.2</b>              | <b>110</b>             | <b>0.22</b>            | <b>270</b>                       | <b>Bn</b>  | <b>Bk</b> | <b>Gd</b> |
| EC22 -1R2K        | 1.2         | 40        | 7.96                     | 100                    | 0.30                   | 260                              | Bn         | R         | Gd        |
| EC22 -1R5K        | 1.5         | 40        | 7.96                     | 80                     | 0.35                   | 250                              | Bn         | Gn        | Gd        |
| EC22 -1R8K        | 1.8         | 40        | 7.96                     | 65                     | 0.45                   | 240                              | Bn         | Gy        | Gd        |
| EC22 -2R2K        | 2.2         | 40        | 7.96                     | 55                     | 0.55                   | 230                              | R          | R         | Gd        |
| EC22 -2R7M        | 2.7         | 40        | 7.96                     | 50                     | 0.60                   | 220                              | R          | V         | Gd        |
| EC22 -3R3K        | 3.3         | 40        | 7.96                     | 42                     | 0.65                   | 210                              | O          | O         | Gd        |
| EC22 -3R9K        | 3.9         | 45        | 7.96                     | 38                     | 0.85                   | 200                              | O          | W         | Gd        |
| EC22 -4R7K        | 4.7         | 45        | 7.96                     | 34                     | 1.00                   | 190                              | Y          | V         | Gd        |
| EC22 -5R6K        | 5.6         | 45        | 7.96                     | 32                     | 1.15                   | 180                              | Gn         | Be        | Gd        |
| EC22 -6R8K        | 6.8         | 40        | 7.96                     | 30                     | 1.20                   | 175                              | Be         | Gy        | Gd        |
| EC22 -8R2K        | 8.2         | 40        | 7.96                     | 26                     | 1.25                   | 165                              | Gy         | R         | Gd        |
| <b>EC22 -100K</b> | <b>10</b>   | <b>40</b> | <b>7.96</b>              | <b>24</b>              | <b>1.5</b>             | <b>160</b>                       | <b>Bn</b>  | <b>Bk</b> | <b>Bk</b> |
| EC22 -120K        | 12          | 50        | 2.52                     | 22                     | 2.2                    | 150                              | Bn         | R         | Bk        |
| EC22 -150K        | 15          | 50        | 2.52                     | 20                     | 2.5                    | 145                              | Bn         | Gn        | Bk        |
| EC22 -180K        | 18          | 50        | 2.52                     | 18                     | 2.8                    | 140                              | Bn         | Gy        | Bk        |
| EC22 -220K        | 22          | 50        | 2.52                     | 17                     | 3.0                    | 130                              | R          | R         | Bk        |
| EC22 -270K        | 27          | 55        | 2.52                     | 14                     | 3.5                    | 80                               | R          | V         | Bk        |
| EC22 -330K        | 33          | 55        | 2.52                     | 14                     | 3.8                    | 76                               | O          | O         | Bk        |
| EC22 -390K        | 39          | 50        | 2.52                     | 13                     | 4.2                    | 74                               | O          | W         | Bk        |
| EC22 -470K        | 47          | 50        | 2.52                     | 12                     | 5.8                    | 70                               | Y          | V         | Bk        |
| EC22 -560K        | 56          | 50        | 2.52                     | 11                     | 6.4                    | 68                               | Gn         | Be        | Bk        |
| EC22 -680K        | 68          | 50        | 2.52                     | 10                     | 7.2                    | 64                               | Be         | Gy        | Bk        |
| EC22 -820K        | 82          | 50        | 2.52                     | 9.5                    | 8.5                    | 46                               | Gy         | R         | Bk        |
| <b>EC22 -101K</b> | <b>100</b>  | <b>50</b> | <b>2.52</b>              | <b>9.0</b>             | <b>11</b>              | <b>44</b>                        | <b>Bn</b>  | <b>Bk</b> | <b>Bn</b> |
| EC22 -121K        | 120         | 40        | 0.796                    | 6.5                    | 13                     | 42                               | Bn         | R         | Bn        |
| EC22 -151K        | 150         | 40        | 0.796                    | 6.0                    | 16                     | 39                               | Bn         | Gn        | Bn        |
| EC22 -181K        | 180         | 40        | 0.796                    | 5.2                    | 18                     | 37                               | Bn         | Gy        | Bn        |
| EC22 -221K        | 220         | 40        | 0.796                    | 4.5                    | 20                     | 35                               | R          | R         | Bn        |
| EC22 -271K        | 270         | 30        | 0.796                    | 3.5                    | 29                     | 28                               | R          | V         | Bn        |
| EC22 -331K        | 330         | 30        | 0.796                    | 3.0                    | 30                     | 26                               | O          | O         | Bn        |
| EC22 -391K        | 390         | 30        | 0.796                    | 2.7                    | 32                     | 25                               | O          | W         | Bn        |
| EC22 -471K        | 470         | 30        | 0.796                    | 2.6                    | 35                     | 24                               | Y          | V         | Bn        |
| EC22 -561K        | 560         | 30        | 0.796                    | 2.5                    | 40                     | 23                               | Gn         | Be        | Bn        |
| EC22 -681K        | 680         | 30        | 0.796                    | 2.2                    | 42                     | 22                               | Be         | Gy        | Bn        |
| EC22 -821K        | 820         | 30        | 0.796                    | 2.1                    | 46                     | 21                               | Gy         | R         | Bn        |
| <b>EC22 -102K</b> | <b>1000</b> | <b>30</b> | <b>0.796</b>             | <b>2.0</b>             | <b>52</b>              | <b>20</b>                        | <b>Bn</b>  | <b>Bk</b> | <b>R</b>  |

| Part No.          | L<br>uH     | Q<br>Min. | L.Q Test<br>Freq.<br>MHz | DCR<br>( Ohm )<br>Max. | SRF<br>( MHz )<br>Min. | Rated DC<br>Current<br>(mA) Max. | Color code |           |          |          |
|-------------------|-------------|-----------|--------------------------|------------------------|------------------------|----------------------------------|------------|-----------|----------|----------|
|                   |             |           |                          |                        |                        |                                  | 1st        | 2nd       | 3rd      | 4th      |
| EC23 -R047M       | 0.047       | 40        | 50.0                     | 0.08                   | 700                    | 1200                             | G          | Bk        | Y        | V        |
| EC23 -R056M       | 0.056       | 40        | 50.0                     | 0.09                   | 650                    | 1160                             | G          | Bk        | Gn       | Be       |
| EC23 -R068M       | 0.068       | 40        | 50.0                     | 0.10                   | 620                    | 1120                             | G          | Bk        | Be       | Gy       |
| EC23 -R082M       | 0.082       | 40        | 50.0                     | 0.11                   | 580                    | 1060                             | G          | Bk        | Gy       | R        |
| <b>EC23 -R10K</b> | <b>0.10</b> | <b>30</b> | <b>25.2</b>              | <b>0.12</b>            | <b>540</b>             | <b>980</b>                       | <b>Bn</b>  | <b>Bk</b> | <b>S</b> | <b>S</b> |
| EC23 -R12K        | 0.12        | 30        | 25.2                     | 0.15                   | 490                    | 880                              | Bn         | R         | S        | S        |
| EC23 -R15K        | 0.15        | 30        | 25.2                     | 0.18                   | 440                    | 800                              | Bn         | Gn        | S        | S        |
| EC23 -R18K        | 0.18        | 30        | 25.2                     | 0.18                   | 410                    | 800                              | Bn         | Gy        | S        | S        |
| EC23 -R22J        | 0.22        | 30        | 25.2                     | 0.22                   | 360                    | 720                              | R          | R         | S        | G        |
| EC23 -R27J        | 0.27        | 30        | 25.2                     | 0.27                   | 330                    | 650                              | R          | V         | S        | G        |
| EC23 -R33J        | 0.33        | 30        | 25.2                     | 0.33                   | 290                    | 590                              | O          | O         | S        | G        |
| EC23 -R39J        | 0.39        | 30        | 25.2                     | 0.52                   | 270                    | 470                              | O          | W         | S        | G        |
| EC23 -R47J        | 0.47        | 30        | 25.2                     | 0.68                   | 250                    | 410                              | Y          | V         | S        | G        |
| EC23 -R56J        | 0.56        | 30        | 25.2                     | 0.82                   | 230                    | 370                              | Gn         | Be        | S        | G        |
| EC23 -R68J        | 0.68        | 30        | 25.2                     | 1.10                   | 210                    | 320                              | Be         | Gy        | S        | G        |
| EC23 -R82J        | 0.82        | 30        | 25.2                     | 1.40                   | 190                    | 260                              | Gy         | R         | S        | G        |

L & Q @50MHz tested by HP4191A RF Impedance Analyzer.

| Part No.          | L<br>@1kHz<br>mH | Q<br>Min. | Q Test<br>Freq.<br>kHz | DCR<br>( Ohm )<br>Max. | SRF<br>( MHz )<br>Min. | Rated DC<br>Current<br>(mA)Max. | Color code |           |          |          |
|-------------------|------------------|-----------|------------------------|------------------------|------------------------|---------------------------------|------------|-----------|----------|----------|
|                   |                  |           |                        |                        |                        |                                 | 1st        | 2nd       | 3rd      | 4th      |
| EC46 -122K        | 1.2              | 80        | 252                    | 9                      | 1.30                   | 110                             | Bn         | R         | R        | S        |
| EC46 -152K        | 1.5              | 80        | 252                    | 10                     | 1.20                   | 100                             | Bn         | Gn        | R        | S        |
| EC46 -182K        | 1.8              | 80        | 252                    | 11                     | 1.20                   | 90                              | Bn         | GY        | R        | S        |
| EC46 -222K        | 2.2              | 80        | 252                    | 14                     | 1.10                   | 80                              | R          | R         | R        | S        |
| EC46 -272K        | 2.7              | 80        | 252                    | 18                     | 0.85                   | 75                              | R          | V         | R        | S        |
| EC46 -332K        | 3.3              | 80        | 252                    | 22                     | 0.74                   | 65                              | O          | O         | R        | S        |
| EC46 -392K        | 3.9              | 80        | 252                    | 26                     | 0.70                   | 60                              | O          | W         | R        | S        |
| EC46 -472K        | 4.7              | 80        | 252                    | 32                     | 0.66                   | 55                              | Y          | V         | R        | S        |
| EC46 -562K        | 5.6              | 70        | 252                    | 34                     | 0.64                   | 50                              | Gn         | Be        | R        | S        |
| EC46 -682K        | 6.8              | 70        | 252                    | 45                     | 0.58                   | 45                              | Be         | Gy        | R        | S        |
| EC46 -822K        | 8.2              | 50        | 252                    | 60                     | 0.50                   | 40                              | Gy         | R         | R        | S        |
| <b>EC46 -103K</b> | <b>10</b>        | <b>50</b> | <b>79.6</b>            | <b>70</b>              | <b>0.48</b>            | <b>38</b>                       | <b>Bn</b>  | <b>Bk</b> | <b>O</b> | <b>S</b> |
| EC46 -123K        | 12               | 50        | 79.6                   | 82                     | 0.46                   | 35                              | Bn         | R         | O        | S        |
| EC46 -153K        | 15               | 50        | 79.6                   | 89                     | 0.40                   | 32                              | Bn         | Gn        | O        | S        |
| EC46 -183K        | 18               | 40        | 79.6                   | 140                    | 0.37                   | 28                              | Bn         | Gy        | O        | S        |
| EC46 -223K        | 22               | 40        | 79.6                   | 170                    | 0.33                   | 25                              | R          | R         | O        | S        |
| EC46 -253K        | 25               | 40        | 79.6                   | 185                    | 0.28                   | 24                              | R          | Gn        | O        | S        |
| EC46 -273K        | 27               | 40        | 79.6                   | 210                    | 0.26                   | 23                              | R          | V         | O        | S        |
| EC46 -303K        | 30               | 40        | 79.6                   | 240                    | 0.25                   | 22                              | O          | Bk        | O        | S        |
| EC46 -333K        | 33               | 40        | 79.6                   | 250                    | 0.24                   | 20                              | O          | O         | O        | S        |

| Part No.          | L<br>uH     | Q<br>Min. | L.Q Test<br>Freq.<br>MHz | SRF<br>( MHz )<br>Min. | DCR<br>( Ohm )<br>Max. | Rated DC<br>Current<br>(mA) Max. | Color code |           |           |          |
|-------------------|-------------|-----------|--------------------------|------------------------|------------------------|----------------------------------|------------|-----------|-----------|----------|
|                   |             |           |                          |                        |                        |                                  | 1st        | 2nd       | 3rd       | 4th      |
| <b>EC24 -R10K</b> | <b>0.10</b> | <b>40</b> | <b>25.2</b>              | <b>470</b>             | <b>0.08</b>            | <b>700</b>                       | <b>Bn</b>  | <b>Bk</b> | <b>S</b>  | <b>S</b> |
| EC24 -R12K        | 0.12        | 40        | 25.2                     | 450                    | 0.08                   | 700                              | Bn         | R         | S         | S        |
| EC24 -R15K        | 0.15        | 40        | 25.2                     | 430                    | 0.09                   | 700                              | Bn         | Gn        | S         | S        |
| EC24 -R18K        | 0.18        | 40        | 25.2                     | 410                    | 0.10                   | 700                              | Bn         | Gy        | S         | S        |
| EC24 -R22K        | 0.22        | 40        | 25.2                     | 380                    | 0.12                   | 700                              | R          | R         | S         | S        |
| EC24 -R27K        | 0.27        | 40        | 25.2                     | 360                    | 0.15                   | 680                              | R          | V         | S         | S        |
| EC24 -R33K        | 0.33        | 40        | 25.2                     | 350                    | 0.16                   | 680                              | O          | O         | S         | S        |
| EC24 -R39K        | 0.39        | 40        | 25.2                     | 320                    | 0.18                   | 680                              | O          | W         | S         | S        |
| EC24 -R47K        | 0.47        | 40        | 25.2                     | 300                    | 0.26                   | 650                              | Y          | V         | S         | S        |
| EC24 -R56K        | 0.56        | 40        | 25.2                     | 280                    | 0.38                   | 500                              | Gn         | Be        | S         | S        |
| EC24 -R68K        | 0.68        | 40        | 25.2                     | 250                    | 0.42                   | 500                              | Be         | Gy        | S         | S        |
| EC24 -R82K        | 0.82        | 40        | 25.2                     | 200                    | 0.55                   | 450                              | Gy         | R         | S         | S        |
| <b>EC24 -1R0K</b> | <b>1.0</b>  | <b>65</b> | <b>25.2</b>              | <b>180</b>             | <b>0.12</b>            | <b>700</b>                       | <b>Bn</b>  | <b>Bk</b> | <b>Gd</b> | <b>S</b> |
| EC24 -1R2K        | 1.2         | 50        | 7.96                     | 165                    | 0.18                   | 740                              | Bn         | R         | Gd        | S        |
| EC24 -1R5K        | 1.5         | 50        | 7.96                     | 150                    | 0.20                   | 700                              | Bn         | Gn        | Gd        | S        |
| EC24 -1R8K        | 1.8         | 70        | 7.96                     | 125                    | 0.23                   | 655                              | Bn         | Gy        | Gd        | S        |
| EC24 -2R2K        | 2.2         | 50        | 7.96                     | 110                    | 0.25                   | 630                              | R          | R         | Gd        | S        |
| EC24 -2R7K        | 2.7         | 60        | 7.96                     | 95                     | 0.28                   | 595                              | R          | V         | Gd        | S        |
| EC24 -3R3K        | 3.3         | 60        | 7.96                     | 75                     | 0.30                   | 575                              | O          | O         | Gd        | S        |
| EC24 -3R9K        | 3.9         | 60        | 7.96                     | 65                     | 0.32                   | 555                              | O          | W         | Gd        | S        |
| EC24 -4R7K        | 4.7         | 50        | 7.96                     | 50                     | 0.35                   | 530                              | Y          | V         | Gd        | S        |
| EC24 -5R6K        | 5.6         | 50        | 7.96                     | 40                     | 0.40                   | 500                              | Gn         | Be        | Gd        | S        |
| EC24 -6R8K        | 6.8         | 50        | 7.96                     | 30                     | 0.45                   | 470                              | Be         | Gy        | Gd        | S        |
| EC24 -8R2K        | 8.2         | 50        | 7.96                     | 28                     | 0.55                   | 425                              | Gy         | R         | Gd        | S        |
| <b>EC24 -100K</b> | <b>10</b>   | <b>50</b> | <b>7.96</b>              | <b>22</b>              | <b>0.72</b>            | <b>370</b>                       | <b>Bn</b>  | <b>Bk</b> | <b>Bk</b> | <b>S</b> |
| EC24 -120K        | 12          | 50        | 2.52                     | 20                     | 0.80                   | 350                              | Bn         | R         | Bk        | S        |
| EC24 -150K        | 15          | 50        | 2.52                     | 16                     | 0.88                   | 335                              | Bn         | Gn        | Bk        | S        |
| EC24 -180K        | 18          | 50        | 2.52                     | 15                     | 1.00                   | 315                              | Bn         | Gy        | Bk        | S        |
| EC24 -220K        | 22          | 60        | 2.52                     | 13                     | 1.20                   | 285                              | R          | R         | Bk        | S        |
| EC24 -270K        | 27          | 60        | 2.52                     | 11                     | 1.35                   | 270                              | R          | V         | Bk        | S        |
| EC24 -330K        | 33          | 50        | 2.52                     | 10                     | 1.50                   | 255                              | O          | O         | Bk        | S        |
| EC24 -390K        | 39          | 50        | 2.52                     | 9.5                    | 1.70                   | 240                              | O          | W         | Bk        | S        |
| EC24 -470K        | 47          | 60        | 2.52                     | 8.5                    | 2.30                   | 205                              | Y          | V         | Bk        | S        |
| EC24 -560K        | 56          | 60        | 2.52                     | 7.5                    | 2.60                   | 195                              | Gn         | Be        | Bk        | S        |
| EC24 -680K        | 68          | 60        | 2.52                     | 6.5                    | 2.90                   | 185                              | Be         | Gy        | Bk        | S        |
| EC24 -820K        | 82          | 55        | 2.52                     | 6.0                    | 3.20                   | 175                              | Gy         | R         | Bk        | S        |
| <b>EC24 -101K</b> | <b>100</b>  | <b>60</b> | <b>2.52</b>              | <b>5.5</b>             | <b>3.50</b>            | <b>165</b>                       | <b>Bn</b>  | <b>Bk</b> | <b>Bn</b> | <b>S</b> |
| EC24 -121K        | 120         | 75        | 0.796                    | 5.4                    | 3.80                   | 160                              | Bn         | R         | Bn        | S        |
| EC24 -151K        | 150         | 75        | 0.796                    | 4.75                   | 4.40                   | 150                              | Bn         | Gn        | Bn        | S        |
| EC24 -181K        | 180         | 75        | 0.796                    | 4.35                   | 5.00                   | 140                              | Bn         | Gy        | Bn        | S        |
| EC24 -221K        | 220         | 75        | 0.796                    | 4.0                    | 5.70                   | 130                              | R          | R         | Bn        | S        |
| EC24 -271K        | 270         | 70        | 0.796                    | 3.7                    | 6.50                   | 120                              | R          | V         | Bn        | S        |
| EC24 -331K        | 330         | 70        | 0.796                    | 3.4                    | 9.50                   | 100                              | O          | O         | Bn        | S        |
| EC24 -391K        | 390         | 70        | 0.796                    | 2.8                    | 10.5                   | 95                               | O          | W         | Bn        | S        |
| EC24 -471K        | 470         | 70        | 0.796                    | 2.55                   | 12.5                   | 90                               | Y          | V         | Bn        | S        |
| EC24 -561K        | 560         | 70        | 0.796                    | 2.35                   | 14.5                   | 85                               | Gn         | Be        | Bn        | S        |
| EC24 -681K        | 680         | 70        | 0.796                    | 2.0                    | 18.0                   | 75                               | Be         | Gy        | Bn        | S        |
| EC24 -821K        | 820         | 60        | 0.796                    | 1.6                    | 23.7                   | 65                               | Gy         | R         | Bn        | S        |
| <b>EC24 -102K</b> | <b>1000</b> | <b>60</b> | <b>0.796</b>             | <b>1.2</b>             | <b>30.0</b>            | <b>60</b>                        | <b>Bn</b>  | <b>Bk</b> | <b>R</b>  | <b>S</b> |

| Part No.          | L<br>uH     | Q<br>Min. | L.Q Test<br>Freq.<br>MHz | SRF<br>( MHz )<br>Min. | DCR ( Ohm )<br>Max. | Rated DC<br>Current<br>(mA) Max. | Color code |           |           |          |
|-------------------|-------------|-----------|--------------------------|------------------------|---------------------|----------------------------------|------------|-----------|-----------|----------|
|                   |             |           |                          |                        |                     |                                  | 1st        | 2nd       | 3rd       | 4th      |
| EC36 -R10K        | 0.10        | 50        | 25.2                     | 470                    | 0.04                | 900                              | Bn         | Bk        | S         | S        |
| EC36 -R12K        | 0.12        | 50        | 25.2                     | 450                    | 0.06                | 900                              | Bn         | R         | S         | S        |
| EC36 -R15K        | 0.15        | 50        | 25.2                     | 430                    | 0.07                | 890                              | Bn         | Gn        | S         | S        |
| EC36 -R18K        | 0.18        | 50        | 25.2                     | 410                    | 0.07                | 890                              | Bn         | Gy        | S         | S        |
| EC36 -R22K        | 0.22        | 50        | 25.2                     | 380                    | 0.08                | 880                              | R          | R         | S         | S        |
| EC36 -R27K        | 0.27        | 50        | 25.2                     | 340                    | 0.09                | 800                              | R          | V         | S         | S        |
| EC36 -R33K        | 0.33        | 50        | 25.2                     | 300                    | 0.10                | 750                              | O          | O         | S         | S        |
| EC36 -R39K        | 0.39        | 50        | 25.2                     | 280                    | 0.12                | 680                              | O          | W         | S         | S        |
| EC36 -R47K        | 0.47        | 50        | 25.2                     | 250                    | 0.16                | 650                              | Y          | V         | S         | S        |
| EC36 -R56K        | 0.56        | 50        | 25.2                     | 230                    | 0.18                | 600                              | Gn         | Be        | S         | S        |
| EC36 -R68K        | 0.68        | 50        | 25.2                     | 210                    | 0.22                | 550                              | Be         | Gy        | S         | S        |
| EC36 -R82K        | 0.82        | 50        | 25.2                     | 172                    | 0.24                | 980                              | Gy         | R         | S         | S        |
| <b>EC36 -1R0K</b> | <b>1.0</b>  | <b>50</b> | <b>25.2</b>              | <b>157</b>             | <b>0.09</b>         | <b>920</b>                       | <b>Bn</b>  | <b>Bk</b> | <b>Gd</b> | <b>S</b> |
| EC36 -1R2K        | 1.2         | 50        | 7.96                     | 144                    | 0.10                | 880                              | Bn         | R         | Gd        | S        |
| EC36 -1R5K        | 1.5         | 55        | 7.96                     | 131                    | 0.23                | 830                              | Bn         | Gn        | Gd        | S        |
| EC36 -1R8K        | 1.8         | 60        | 7.96                     | 121                    | 0.25                | 790                              | Bn         | Gy        | Gd        | S        |
| EC36 -2R2K        | 2.2         | 80        | 7.96                     | 110                    | 0.28                | 750                              | R          | R         | Gd        | S        |
| EC36 -2R7K        | 2.7         | 85        | 7.96                     | 100                    | 0.30                | 720                              | R          | V         | Gd        | S        |
| EC36 -3R3K        | 3.3         | 90        | 7.96                     | 94                     | 0.34                | 670                              | O          | O         | Gd        | S        |
| EC36 -3R9K        | 3.9         | 90        | 7.96                     | 86                     | 0.37                | 640                              | O          | W         | Gd        | S        |
| EC36 -4R7K        | 4.7         | 90        | 7.96                     | 80                     | 0.39                | 620                              | Y          | V         | Gd        | S        |
| EC36 -5R6K        | 5.6         | 80        | 7.96                     | 74                     | 0.43                | 590                              | Gn         | Be        | Gd        | S        |
| EC36 -6R8K        | 6.8         | 80        | 7.96                     | 58                     | 0.48                | 550                              | Be         | Gy        | Gd        | S        |
| EC36 -8R2K        | 8.2         | 85        | 7.96                     | 53                     | 0.52                | 530                              | Gy         | R         | Gd        | S        |
| <b>EC36 -100K</b> | <b>10</b>   | <b>85</b> | <b>7.96</b>              | <b>45</b>              | <b>0.58</b>         | <b>500</b>                       | <b>Bn</b>  | <b>Bk</b> | <b>Bk</b> | <b>S</b> |
| EC36 -120K        | 12          | 75        | 2.52                     | 30                     | 0.63                | 480                              | Bn         | R         | Bk        | S        |
| EC36 -150K        | 15          | 75        | 2.52                     | 20                     | 0.72                | 460                              | Bn         | Gn        | Bk        | S        |
| EC36 -180K        | 18          | 70        | 2.52                     | 14                     | 0.77                | 430                              | Bn         | Gy        | Bk        | S        |
| EC36 -220K        | 22          | 65        | 2.52                     | 9.9                    | 0.84                | 410                              | R          | R         | Bk        | S        |
| EC36 -270K        | 27          | 65        | 2.52                     | 7.6                    | 0.94                | 390                              | R          | V         | Bk        | S        |
| EC36 -330K        | 33          | 55        | 2.52                     | 6.3                    | 1.03                | 370                              | O          | O         | Bk        | S        |
| EC36 -390K        | 39          | 55        | 2.52                     | 6.3                    | 1.12                | 350                              | O          | W         | Bk        | S        |
| EC36 -470K        | 47          | 45        | 2.52                     | 6.3                    | 1.22                | 340                              | Y          | V         | Bk        | S        |
| EC36 -560K        | 56          | 45        | 2.52                     | 6.2                    | 1.34                | 320                              | Gn         | Be        | Bk        | S        |
| EC36 -680K        | 68          | 40        | 2.52                     | 5.7                    | 1.47                | 305                              | Be         | Gy        | Bk        | S        |
| EC36 -820K        | 82          | 35        | 2.52                     | 5.3                    | 1.62                | 290                              | Gy         | R         | Bk        | S        |
| <b>EC36 -101K</b> | <b>100</b>  | <b>30</b> | <b>2.52</b>              | <b>4.8</b>             | <b>1.80</b>         | <b>275</b>                       | <b>Bn</b>  | <b>Bk</b> | <b>Bn</b> | <b>S</b> |
| EC36 -121K        | 120         | 70        | 0.796                    | 3.8                    | 3.70                | 185                              | Bn         | R         | Bn        | S        |
| EC36 -151K        | 150         | 80        | 0.796                    | 3.5                    | 4.20                | 175                              | Bn         | Gn        | Bn        | S        |
| EC36 -181K        | 180         | 80        | 0.796                    | 3.3                    | 4.60                | 165                              | Bn         | Gy        | Bn        | S        |
| EC36 -221K        | 220         | 70        | 0.796                    | 3.0                    | 5.10                | 155                              | R          | R         | Bn        | S        |
| EC36 -271K        | 270         | 70        | 0.796                    | 2.8                    | 5.80                | 145                              | R          | V         | Bn        | S        |
| EC36 -331K        | 330         | 65        | 0.796                    | 2.6                    | 6.40                | 137                              | O          | O         | Bn        | S        |
| EC36 -391K        | 390         | 65        | 0.796                    | 2.4                    | 7.00                | 133                              | O          | W         | Bn        | S        |
| EC36 -471K        | 470         | 60        | 0.796                    | 2.25                   | 7.70                | 126                              | Y          | V         | Bn        | S        |
| EC36 -561K        | 560         | 60        | 0.796                    | 2.10                   | 8.50                | 120                              | Gn         | Be        | Bn        | S        |
| EC36 -681K        | 680         | 55        | 0.796                    | 1.95                   | 9.40                | 113                              | Be         | Gy        | Bn        | S        |
| EC36 -821K        | 820         | 55        | 0.796                    | 1.85                   | 12.0                | 100                              | Gy         | R         | Bn        | S        |
| <b>EC36 -102K</b> | <b>1000</b> | <b>50</b> | <b>0.252</b>             | <b>1.40</b>            | <b>17.0</b>         | <b>100</b>                       | <b>Bn</b>  | <b>Bk</b> | <b>R</b>  | <b>S</b> |

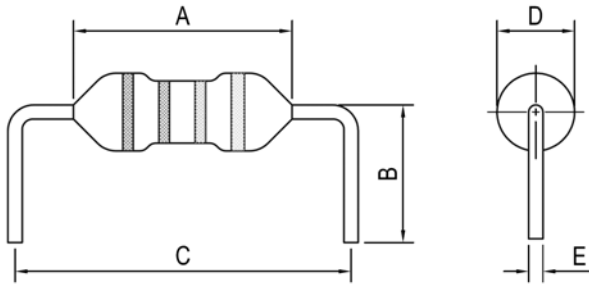


| Part No.          | L<br>uH       | Test<br>Freq. | SRF<br>( MHz )<br>Ref. | DCR<br>( Ohm )<br>Max. | Rated current (mA) |               | Color code |           |           |          |
|-------------------|---------------|---------------|------------------------|------------------------|--------------------|---------------|------------|-----------|-----------|----------|
|                   |               |               |                        |                        | I sat<br>Max.      | I rms<br>Max. | 1st        | 2nd       | 3rd       | 4th      |
| EC38 -1R0M        | 1.0           | 7.96MHz       | 190                    | 0.018                  | 3000               | 3300          | Bn         | Bk        | Gd        | BK       |
| EC38 -1R2M        | 1.2           | 7.96MHz       | 170                    | 0.019                  | 2700               | 3200          | Bn         | R         | Gd        | BK       |
| EC38 -1R5M        | 1.5           | 7.96MHz       | 160                    | 0.020                  | 2500               | 3100          | Bn         | Gn        | Gd        | BK       |
| EC38 -1R8M        | 1.8           | 7.96MHz       | 150                    | 0.023                  | 2100               | 2900          | Bn         | Gy        | Gd        | BK       |
| EC38 -2R2M        | 2.2           | 7.96MHz       | 130                    | 0.031                  | 2000               | 2600          | R          | R         | Gd        | BK       |
| EC38 -2R7M        | 2.7           | 7.96MHz       | 120                    | 0.033                  | 1900               | 2500          | R          | V         | Gd        | BK       |
| EC38 -3R3M        | 3.3           | 7.96MHz       | 110                    | 0.054                  | 1700               | 1900          | O          | O         | Gd        | BK       |
| EC38 -3R9M        | 3.9           | 7.96MHz       | 100                    | 0.060                  | 1500               | 1800          | O          | W         | Gd        | BK       |
| EC38 -4R7K        | 4.7           | 7.96MHz       | 86                     | 0.068                  | 1400               | 1700          | Y          | V         | Gd        | S        |
| EC38 -5R6K        | 5.6           | 7.96MHz       | 64                     | 0.074                  | 1300               | 1600          | Gn         | Be        | Gd        | S        |
| EC38 -6R8K        | 6.8           | 7.96MHz       | 44                     | 0.080                  | 1200               | 1600          | Be         | Gy        | Gd        | S        |
| EC38 -8R2K        | 8.2           | 7.96MHz       | 32                     | 0.087                  | 1100               | 1500          | Gy         | R         | Gd        | S        |
| <b>EC38 -100K</b> | <b>10</b>     | <b>1kHz</b>   | <b>25</b>              | <b>0.095</b>           | <b>970</b>         | <b>1500</b>   | <b>Bn</b>  | <b>Bk</b> | <b>Bk</b> | <b>S</b> |
| EC38 -120K        | 12            | 1kHz          | 17                     | 0.110                  | 880                | 1400          | Bn         | R         | Bk        | S        |
| EC38 -150K        | 15            | 1kHz          | 13                     | 0.150                  | 790                | 1200          | Bn         | Gn        | Bk        | S        |
| EC38 -180K        | 18            | 1kHz          | 10                     | 0.16                   | 710                | 1100          | Bn         | Gy        | Bk        | S        |
| EC38 -220K        | 22            | 1kHz          | 8.40                   | 0.19                   | 640                | 1000          | R          | R         | Bk        | S        |
| EC38 -270K        | 27            | 1kHz          | 8.00                   | 0.22                   | 580                | 950           | R          | V         | Bk        | S        |
| EC38 -330K        | 33            | 1kHz          | 7.60                   | 0.24                   | 530                | 910           | O          | O         | Bk        | S        |
| EC38 -390K        | 39            | 1kHz          | 7.10                   | 0.26                   | 480                | 880           | O          | W         | Bk        | S        |
| EC38 -470K        | 47            | 1kHz          | 6.00                   | 0.35                   | 430                | 760           | Y          | V         | Bk        | S        |
| EC38 -560K        | 56            | 1kHz          | 5.80                   | 0.47                   | 400                | 650           | Gn         | Be        | Bk        | S        |
| EC38 -680K        | 68            | 1kHz          | 4.30                   | 0.53                   | 370                | 610           | Be         | Gy        | Bk        | S        |
| EC38 -820K        | 82            | 1kHz          | 4.10                   | 0.60                   | 330                | 580           | Gy         | R         | Bk        | S        |
| <b>EC38 -101K</b> | <b>100</b>    | <b>1kHz</b>   | <b>3.90</b>            | <b>0.67</b>            | <b>300</b>         | <b>550</b>    | <b>Bn</b>  | <b>Bk</b> | <b>Bn</b> | <b>S</b> |
| EC38 -121K        | 120           | 1kHz          | 3.60                   | 0.90                   | 270                | 470           | Bn         | R         | Bn        | S        |
| EC38 -151K        | 150           | 1kHz          | 3.20                   | 1.20                   | 250                | 410           | Bn         | Gn        | Bn        | S        |
| EC38 -181K        | 180           | 1kHz          | 2.80                   | 1.40                   | 220                | 380           | Bn         | Gy        | Bn        | S        |
| EC38 -221K        | 220           | 1kHz          | 2.30                   | 1.90                   | 200                | 320           | R          | R         | Bn        | S        |
| EC38 -271K        | 270           | 1kHz          | 2.10                   | 2.10                   | 180                | 310           | R          | V         | Bn        | S        |
| EC38 -331K        | 330           | 1kHz          | 1.90                   | 2.40                   | 170                | 290           | O          | O         | Bn        | S        |
| EC38 -391K        | 390           | 1kHz          | 1.70                   | 3.00                   | 150                | 260           | O          | W         | Bn        | S        |
| EC38 -471K        | 470           | 1kHz          | 1.40                   | 3.40                   | 140                | 240           | Y          | V         | Bn        | S        |
| EC38 -561K        | 560           | 1kHz          | 1.30                   | 4.70                   | 130                | 210           | Gn         | Be        | Bn        | S        |
| EC38 -681K        | 680           | 1kHz          | 1.20                   | 6.40                   | 110                | 180           | Be         | Gy        | Bn        | S        |
| EC38 -821K        | 820           | 1kHz          | 1.10                   | 7.10                   | 100                | 170           | Gy         | R         | Bn        | S        |
| <b>EC38 -102K</b> | <b>1000</b>   | <b>1kHz</b>   | <b>1.00</b>            | <b>7.90</b>            | <b>95</b>          | <b>160</b>    | <b>Bn</b>  | <b>Bk</b> | <b>R</b>  | <b>S</b> |
| EC38 -122K        | 1200          | 1kHz          | 0.94                   | 9.00                   | 87                 | 150           | Bn         | R         | R         | S        |
| EC38 -152K        | 1500          | 1kHz          | 0.76                   | 12.0                   | 78                 | 130           | Bn         | Gn        | R         | S        |
| EC38 -182K        | 1800          | 1kHz          | 0.72                   | 14.0                   | 71                 | 120           | Bn         | Gy        | R         | S        |
| EC38 -222K        | 2200          | 1kHz          | 0.64                   | 19.0                   | 64                 | 100           | R          | R         | R         | S        |
| EC38 -272K        | 2700          | 1kHz          | 0.56                   | 25.0                   | 58                 | 90            | R          | V         | R         | S        |
| EC38 -332K        | 3300          | 1kHz          | 0.53                   | 29.0                   | 52                 | 83            | O          | O         | R         | S        |
| EC38 -392K        | 3900          | 1kHz          | 0.48                   | 34.0                   | 48                 | 77            | O          | W         | R         | S        |
| EC38 -472K        | 4700          | 1kHz          | 0.45                   | 37.0                   | 44                 | 74            | Y          | V         | R         | S        |
| EC38 -562K        | 5600          | 1kHz          | 0.40                   | 50.0                   | 40                 | 63            | Gn         | Be        | R         | S        |
| EC38 -682K        | 6800          | 1kHz          | 0.36                   | 58.0                   | 36                 | 59            | Be         | Gy        | R         | S        |
| EC38 -822K        | 8200          | 1kHz          | 0.29                   | 68.0                   | 33                 | 54            | Gy         | R         | R         | S        |
| <b>EC38 -103K</b> | <b>10,000</b> | <b>1kHz</b>   | <b>0.27</b>            | <b>75.0</b>            | <b>30</b>          | <b>52</b>     | <b>Bn</b>  | <b>Bk</b> | <b>O</b>  | <b>S</b> |

| Part No.            | L<br>uH     | Q<br>Min. | L.Q Test<br>Freq.<br>MHz | SRF<br>(MHz)<br>Ref. | DCR<br>( Ohm )<br>Max. | Rated current (mA) |               | Color code |           |           |          |
|---------------------|-------------|-----------|--------------------------|----------------------|------------------------|--------------------|---------------|------------|-----------|-----------|----------|
|                     |             |           |                          |                      |                        | I sat<br>Max.      | I rms<br>Max. | 1st        | 2nd       | 3rd       | 4th      |
|                     |             |           |                          |                      |                        |                    |               |            |           |           |          |
| EC0410 -1R0M        | 1.0         | 10        | 7.96                     | 300                  | 0.022                  | 5600               | 3800          | Bn         | Bk        | Gd        | BK       |
| EC0410 -1R2M        | 1.2         | 10        | 7.96                     | 260                  | 0.024                  | 5500               | 3700          | Bn         | R         | Gd        | BK       |
| EC0410 -1R5M        | 1.5         | 10        | 7.96                     | 250                  | 0.026                  | 5000               | 3600          | Bn         | Gn        | Gd        | BK       |
| EC0410 -1R8M        | 1.8         | 10        | 7.96                     | 240                  | 0.029                  | 4700               | 3100          | Bn         | Gy        | Gd        | BK       |
| EC0410 -2R2M        | 2.2         | 10        | 7.96                     | 220                  | 0.031                  | 4500               | 2900          | R          | R         | Gd        | BK       |
| EC0410 -2R7M        | 2.7         | 10        | 7.96                     | 195                  | 0.034                  | 4000               | 2700          | R          | V         | Gd        | BK       |
| EC0410 -3R3M        | 3.3         | 10        | 7.96                     | 155                  | 0.038                  | 3400               | 2600          | O          | O         | Gd        | BK       |
| EC0410 -3R9M        | 3.9         | 10        | 7.96                     | 115                  | 0.040                  | 3100               | 2500          | O          | W         | Gd        | BK       |
| EC0410 -4R7K        | 4.7         | 10        | 7.96                     | 85                   | 0.044                  | 2800               | 2400          | Y          | V         | Gd        | S        |
| EC0410 -5R6K        | 5.6         | 10        | 7.96                     | 55                   | 0.048                  | 2600               | 2100          | Gn         | Be        | Gd        | S        |
| EC0410 -6R8K        | 6.8         | 10        | 7.96                     | 50                   | 0.051                  | 2400               | 2000          | Be         | Gy        | Gd        | S        |
| EC0410 -8R2K        | 8.2         | 10        | 7.96                     | 38                   | 0.056                  | 2200               | 1950          | Gy         | R         | Gd        | S        |
| <b>EC0410 -100K</b> | <b>10</b>   | <b>10</b> | <b>7.96</b>              | <b>24</b>            | <b>0.062</b>           | <b>2100</b>        | <b>1900</b>   | <b>Bn</b>  | <b>Bk</b> | <b>Bk</b> | <b>S</b> |
| EC0410 -120K        | 12          | 10        | 2.52                     | 18                   | 0.076                  | 1800               | 1800          | Bn         | R         | Bk        | S        |
| EC0410 -150K        | 15          | 10        | 2.52                     | 16                   | 0.088                  | 1700               | 1700          | Bn         | Gn        | Bk        | S        |
| EC0410 -180K        | 18          | 10        | 2.52                     | 15                   | 0.11                   | 1600               | 1600          | Bn         | Gy        | Bk        | S        |
| EC0410 -220K        | 22          | 10        | 2.52                     | 14                   | 0.13                   | 1400               | 1550          | R          | R         | Bk        | S        |
| EC0410 -270K        | 27          | 10        | 2.52                     | 13                   | 0.14                   | 1300               | 1300          | R          | V         | Bk        | S        |
| EC0410 -330K        | 33          | 10        | 2.52                     | 11                   | 0.20                   | 1200               | 1200          | O          | O         | Bk        | S        |
| EC0410 -390K        | 39          | 10        | 2.52                     | 10                   | 0.22                   | 1100               | 1000          | O          | W         | Bk        | S        |
| EC0410 -430K        | 43          | 10        | 2.52                     | 9.5                  | 0.28                   | 1000               | 950           | Y          | O         | Bk        | S        |
| EC0410 -470K        | 47          | 10        | 2.52                     | 9.5                  | 0.28                   | 1000               | 950           | Y          | V         | Bk        | S        |
| EC0410 -560K        | 56          | 10        | 2.52                     | 8.0                  | 0.30                   | 900                | 900           | Gn         | Be        | Bk        | S        |
| EC0410 -680K        | 68          | 10        | 2.52                     | 7.5                  | 0.34                   | 800                | 800           | Be         | Gy        | Bk        | S        |
| EC0410 -820K        | 82          | 10        | 2.52                     | 7.0                  | 0.385                  | 700                | 750           | Gy         | R         | Bk        | S        |
| <b>EC0410 -101K</b> | <b>100</b>  | <b>10</b> | <b>2.52</b>              | <b>6.5</b>           | <b>0.480</b>           | <b>700</b>         | <b>700</b>    | <b>Bn</b>  | <b>Bk</b> | <b>Bn</b> | <b>S</b> |
| EC0410 -121K        | 120         | 15        | 0.796                    | 5.0                  | 0.595                  | 600                | 600           | Bn         | R         | Bn        | S        |
| EC0410 -151K        | 150         | 15        | 0.796                    | 4.5                  | 0.90                   | 550                | 500           | Bn         | Gn        | Bn        | S        |
| EC0410 -181K        | 180         | 15        | 0.796                    | 4.0                  | 1.10                   | 500                | 400           | Bn         | Gy        | Bn        | S        |
| EC0410 -221K        | 220         | 15        | 0.796                    | 3.8                  | 1.25                   | 440                | 390           | R          | R         | Bn        | S        |
| EC0410 -271K        | 270         | 15        | 0.796                    | 3.5                  | 1.85                   | 420                | 330           | R          | V         | Bn        | S        |
| EC0410 -331K        | 330         | 15        | 0.796                    | 3.0                  | 2.10                   | 380                | 310           | O          | O         | Bn        | S        |
| EC0410 -391K        | 390         | 15        | 0.796                    | 2.8                  | 2.28                   | 340                | 300           | O          | W         | Bn        | S        |
| EC0410 -471K        | 470         | 15        | 0.796                    | 2.5                  | 3.22                   | 320                | 280           | Y          | V         | Bn        | S        |
| EC0410 -561K        | 560         | 15        | 0.796                    | 2.2                  | 3.85                   | 290                | 270           | Gn         | Be        | Bn        | S        |
| EC0410 -681K        | 680         | 15        | 0.796                    | 2.1                  | 4.0                    | 260                | 240           | Be         | Gy        | Bn        | S        |
| EC0410 -821K        | 820         | 15        | 0.796                    | 2.0                  | 5.0                    | 250                | 230           | Gy         | R         | Bn        | S        |
| <b>EC0410 -102K</b> | <b>1000</b> | <b>15</b> | <b>0.796</b>             | <b>1.8</b>           | <b>5.8</b>             | <b>240</b>         | <b>190</b>    | <b>Bn</b>  | <b>Bk</b> | <b>R</b>  | <b>S</b> |
| EC0410 -122K        | 1200        | 15        | 0.252                    | 1.6                  | 7.1                    | 200                | 180           | Bn         | R         | R         | S        |
| EC0410 -152K        | 1500        | 15        | 0.252                    | 1.5                  | 7.8                    | 190                | 170           | Bn         | Gn        | R         | S        |
| EC0410 -472K        | 4700        | 15        | 0.252                    | 0.7                  | 30                     | 120                | 100           | Y          | V         | R         | S        |



**U Shape and Size : (Dimensions are in mm)**



Ordering information:

EC36 -  - U  X

(1) (2) (3)

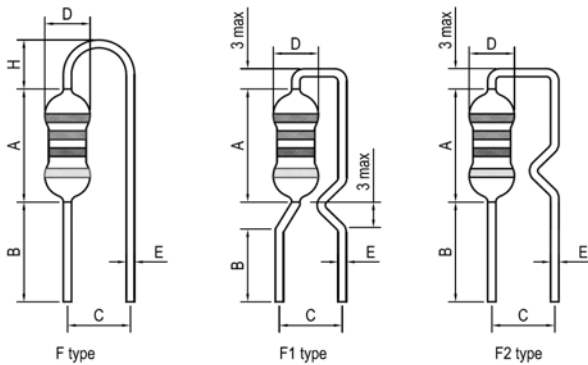
(1) Inductance and tolerance.

(2) Lead length (size B)

(3) Lead pitch (size C)

| Type   | A         | B        | C         | D        | E    |
|--|-----------|----------|-----------|----------|------|
| EC22- <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> -U <input type="text"/> X <input type="text"/>   | 4.0 Max.  | 4.0 Min. | 6 ~ 15    | 2.8 Max. | 0.50 |
| EC23- <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> -U <input type="text"/> X <input type="text"/>   | 6.35 Max. | 4.0 Min. | 7.5 ~ 15  | 2.3 Max. | 0.50 |
| EC24- <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> -U <input type="text"/> X <input type="text"/>   | 8.0 Max.  | 4.0 Min. | 10 ~ 20   | 3.0 Max. | 0.55 |
| EC36- <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> -U <input type="text"/> X <input type="text"/>   | 11.0 Max. | 4.0 Min. | 12.5 ~ 20 | 4.0 Max. | 0.65 |
| EC38- <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> -U <input type="text"/> X <input type="text"/>   | 12.7 Max. | 4.0 Min. | 15 ~ 20   | 4.2 Max. | 0.65 |
| EC46- <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> -U <input type="text"/> X <input type="text"/>   | 12.0 Max. | 4.0 Min. | 12.5 ~ 20 | 5.0 Max. | 0.65 |
| EC0410- <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> -U <input type="text"/> X <input type="text"/> | 15.0 Max. | 4.0 Min. | 17.5 ~ 25 | 5.0 Max. | 0.65 |

**F Shape and Size : (Dimensions are in mm)**



Ordering information:

EC36 -  - F

(1) (2)

(1) Inductance and tolerance.

(2) Forming shape

| Type   | A         | B        | C        | D        | E    | H        |
|--|-----------|----------|----------|----------|------|----------|
| EC22- <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> -F / F1 / F2 | 4.0 Max.  | 4.0 Min. | 5.0 Ref. | 2.8 Max. | 0.50 | 3.0 Max. |
| EC23- <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> -F / F1 / F2 | 6.35 Max. | 4.0 Min. | 5.0 Ref. | 2.3 Max. | 0.50 | 3.0 Max. |
| EC24- <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> -F / F1 / F2 | 8.0 Max.  | 4.0 Min. | 5.0 Ref. | 3.0 Max. | 0.55 | 3.0 Max. |
| EC36- <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> -F / F2      | 11.0 Max. | 4.0 Min. | 5.0 Ref. | 4.0 Max. | 0.65 | 4.0 Max. |
| EC38- <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> -F / F2      | 12.7 Max. | 4.0 Min. | 5.0 Ref. | 4.2 Max. | 0.65 | 4.0 Max. |
| EC46- <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> -F / F2      | 12.0 Max. | 4.0 Min. | 5.0 Ref. | 5.0 Max. | 0.65 | 4.0 Max. |
| EC0410- <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> -F / F2    | 15.0 Max. | 4.0 Min. | 5.0 Ref. | 5.0 Max. | 0.65 | 5.0 Max. |