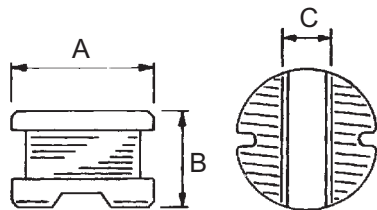
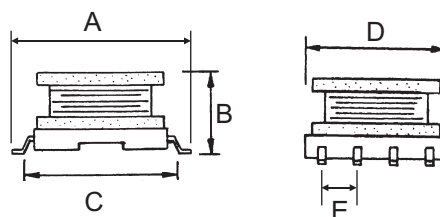


| Inductance | IC0603 |             |                      |                      |      |             | IC0604               |                      |      |             | IC0805               |                      |      |             | IC0906               |                      |      |             | IC1006               |                      |      |             |                      |                      |
|------------|--------|-------------|----------------------|----------------------|------|-------------|----------------------|----------------------|------|-------------|----------------------|----------------------|------|-------------|----------------------|----------------------|------|-------------|----------------------|----------------------|------|-------------|----------------------|----------------------|
|            | Code   | Tolerance % | DC Resistance W(max) | Rated Current A(max) | Code | Tolerance % | DC Resistance W(max) | Rated Current A(max) | Code | Tolerance % | DC Resistance W(max) | Rated Current A(max) | Code | Tolerance % | DC Resistance W(max) | Rated Current A(max) | Code | Tolerance % | DC Resistance W(max) | Rated Current A(max) | Code | Tolerance % | DC Resistance W(max) | Rated Current A(max) |
| 1.5        | 1R5    | 20%         | M                    | 0.040                | 3.00 |             |                      |                      |      |             |                      |                      |      |             |                      |                      |      |             |                      |                      |      |             |                      |                      |
| 2.5        | 2R5    | 20%         | M                    | 0.045                | 2.35 |             |                      |                      |      |             |                      |                      |      |             |                      |                      |      |             |                      |                      |      |             |                      |                      |
| 3.3        | 3R3    | 20%         | M                    | 0.047                | 2.23 | 20%         | M                    | 0.060                | 2.00 |             |                      |                      |      |             |                      |                      |      |             |                      |                      |      |             |                      |                      |
| 3.9        | 3R9    | 20%         | M                    | 0.050                | 2.10 | 20%         | M                    | 0.065                | 1.90 |             |                      |                      |      |             |                      |                      |      |             |                      |                      |      |             |                      |                      |
| 4.7        | 4R7    | 20%         | M                    | 0.060                | 1.75 | 20%         | M                    | 0.070                | 1.80 |             |                      |                      |      |             |                      |                      |      |             |                      |                      |      |             |                      |                      |
| 5.0        | 5R0    | 20%         | M                    | 0.070                | 1.60 | 20%         | M                    | 0.073                | 1.75 |             |                      |                      |      |             |                      |                      |      |             |                      |                      |      |             |                      |                      |
| 5.6        | 5R6    | 20%         | M                    | 0.090                | 1.49 | 20%         | M                    | 0.075                | 1.70 |             |                      |                      |      |             |                      |                      |      |             |                      |                      |      |             |                      |                      |
| 6.8        | 6R8    | 20%         | M                    | 0.110                | 1.38 | 20%         | M                    | 0.080                | 1.60 |             |                      |                      |      |             |                      |                      |      |             |                      |                      |      |             |                      |                      |
| 7.5        | 7R5    | 20%         | M                    | 0.120                | 1.29 | 20%         | M                    | 0.085                | 1.55 |             |                      |                      |      |             |                      |                      |      |             |                      |                      |      |             |                      |                      |
| 8.2        | 8R2    | 20%         | M                    | 0.140                | 1.21 | 20%         | M                    | 0.090                | 1.50 |             |                      |                      |      |             |                      |                      |      |             |                      |                      |      |             |                      |                      |
| 10.0       | 100    | 20%         | M                    | 0.150                | 1.14 | 20%         | M                    | 0.100                | 1.45 | 20%         | M                    | 0.07                 | 2.30 | 20%         | M                    | 0.09                 | 2.10 | 20%         | M                    | 0.06                 | 2.60 |             |                      |                      |
| 12.0       | 120    | 20%         | M                    | 0.160                | 1.02 | 20%         | M                    | 0.120                | 1.40 | 20%         | M                    | 0.08                 | 2.00 | 20%         | M                    | 0.10                 | 2.00 | 20%         | M                    | 0.07                 | 2.45 |             |                      |                      |
| 15.0       | 150    | 20%         | M                    | 0.180                | 0.93 | 15%         | L                    | 0.140                | 1.30 | 20%         | M                    | 0.09                 | 1.80 | 20%         | M                    | 0.11                 | 1.90 | 20%         | M                    | 0.08                 | 2.25 |             |                      |                      |
| 18.0       | 180    | 20%         | M                    | 0.250                | 0.82 | 15%         | L                    | 0.150                | 1.25 | 20%         | M                    | 0.10                 | 1.60 | 20%         | M                    | 0.12                 | 1.80 | 20%         | M                    | 0.09                 | 2.15 |             |                      |                      |
| 22.0       | 220    | 20%         | M                    | 0.275                | 0.75 | 15%         | L                    | 0.190                | 1.10 | 20%         | M                    | 0.11                 | 1.50 | 20%         | M                    | 0.13                 | 1.60 | 20%         | M                    | 0.10                 | 1.95 |             |                      |                      |
| 27.0       | 270    | 10%         | K                    | 0.300                | 0.67 | 15%         | L                    | 0.220                | 1.00 | 10%         | K                    | 0.12                 | 1.30 | 10%         | K                    | 0.15                 | 1.40 | 20%         | M                    | 0.11                 | 1.75 |             |                      |                      |
| 33.0       | 330    | 10%         | K                    | 0.450                | 0.61 | 10%         | K                    | 0.250                | 0.88 | 10%         | K                    | 0.14                 | 1.20 | 10%         | K                    | 0.18                 | 1.25 | 10%         | K                    | 0.12                 | 1.50 |             |                      |                      |
| 39.0       | 390    | 10%         | K                    | 0.460                | 0.56 | 10%         | K                    | 0.320                | 0.80 | 10%         | K                    | 0.16                 | 1.10 | 10%         | K                    | 0.19                 | 1.15 | 10%         | K                    | 0.14                 | 1.35 |             |                      |                      |
| 47.0       | 470    | 10%         | K                    | 0.550                | 0.52 | 10%         | K                    | 0.370                | 0.72 | 10%         | K                    | 0.20                 | 1.00 | 10%         | K                    | 0.23                 | 1.10 | 10%         | K                    | 0.17                 | 1.25 |             |                      |                      |
| 56.0       | 560    | 10%         | K                    | 0.615                | 0.48 | 10%         | K                    | 0.420                | 0.68 | 10%         | K                    | 0.24                 | 0.94 | 10%         | K                    | 0.26                 | 1.05 | 10%         | K                    | 0.19                 | 1.15 |             |                      |                      |
| 68.0       | 680    | 10%         | K                    | 0.720                | 0.44 | 10%         | K                    | 0.520                | 0.62 | 10%         | K                    | 0.30                 | 0.85 | 10%         | K                    | 0.31                 | 1.00 | 10%         | K                    | 0.22                 | 1.10 |             |                      |                      |
| 82.0       | 820    | 10%         | K                    | 0.840                | 0.40 | 10%         | K                    | 0.600                | 0.58 | 10%         | K                    | 0.37                 | 0.78 | 10%         | K                    | 0.33                 | 0.95 | 10%         | K                    | 0.25                 | 1.00 |             |                      |                      |
| 100.0      | 101    |             |                      |                      |      | 10%         | K                    | 0.700                | 0.52 | 10%         | K                    | 0.45                 | 0.72 | 10%         | K                    | 0.39                 | 0.90 | 10%         | K                    | 0.35                 | 0.97 |             |                      |                      |
| 120.0      | 121    |             |                      |                      |      | 10%         | K                    | 0.930                | 0.48 | 10%         | K                    | 0.48                 | 0.66 | 10%         | K                    | 0.43                 | 0.85 | 10%         | K                    | 0.40                 | 0.89 |             |                      |                      |
| 150.0      | 151    |             |                      |                      |      | 10%         | K                    | 1.100                | 0.40 | 10%         | K                    | 0.68                 | 0.58 | 10%         | K                    | 0.56                 | 0.75 | 10%         | K                    | 0.47                 | 0.78 |             |                      |                      |
| 180.0      | 181    |             |                      |                      |      | 10%         | K                    | 1.380                | 0.38 | 10%         | K                    | 0.77                 | 0.51 | 10%         | K                    | 0.64                 | 0.70 | 10%         | K                    | 0.63                 | 0.72 |             |                      |                      |
| 220.0      | 221    |             |                      |                      |      | 10%         | K                    | 1.570                | 0.35 | 10%         | K                    | 0.96                 | 0.49 | 10%         | K                    | 0.85                 | 0.60 | 10%         | K                    | 0.73                 | 0.66 |             |                      |                      |
| 270.0      | 271    |             |                      |                      |      |             |                      |                      |      | 10%         | K                    | 1.11                 | 0.42 | 10%         | K                    | 1.00                 | 0.55 | 10%         | K                    | 0.97                 | 0.57 |             |                      |                      |
| 330.0      | 331    |             |                      |                      |      |             |                      |                      |      | 10%         | K                    | 1.26                 | 0.40 | 10%         | K                    | 1.27                 | 0.50 | 10%         | K                    | 1.15                 | 0.52 |             |                      |                      |
| 390.0      | 391    |             |                      |                      |      |             |                      |                      |      | 10%         | K                    | 1.77                 | 0.36 | 10%         | K                    | 1.40                 | 0.45 | 10%         | K                    | 1.30                 | 0.48 |             |                      |                      |
| 470.0      | 471    |             |                      |                      |      |             |                      |                      |      | 10%         | K                    | 1.96                 | 0.34 | 10%         | K                    | 1.63                 | 0.40 | 10%         | K                    | 1.48                 | 0.42 |             |                      |                      |
| 560.0      | 561    |             |                      |                      |      |             |                      |                      |      |             |                      |                      |      | 10%         | K                    | 2.10                 | 0.32 | 10%         | K                    | 1.90                 | 0.33 |             |                      |                      |
| 680.0      | 681    |             |                      |                      |      |             |                      |                      |      |             |                      |                      |      | 10%         | K                    | 2.40                 | 0.28 | 10%         | K                    | 2.25                 | 0.28 |             |                      |                      |
| 820.0      | 821    |             |                      |                      |      |             |                      |                      |      |             |                      |                      |      | 10%         | K                    | 2.75                 | 0.24 | 10%         | K                    | 2.55                 | 0.24 |             |                      |                      |
| 1000.0     | 102    |             |                      |                      |      |             |                      |                      |      |             |                      |                      |      | 10%         | K                    | 3.50                 | 0.22 |             |                      |                      |      |             |                      |                      |
| 1200.0     | 122    |             |                      |                      |      |             |                      |                      |      |             |                      |                      |      | 10%         | K                    | 4.00                 | 0.20 |             |                      |                      |      |             |                      |                      |

### DIMENSIONS 0603, 0604, 0805 & 1006



### DIMENSIONS 0906



| Series | Dimension (mm) |         |          |        |         |
|--------|----------------|---------|----------|--------|---------|
|        | A              | B       | C        | D      | E       |
| IC0603 | 5.8 max        | 4.0max  | 1.8      |        |         |
| IC0604 | 5.8 max        | 4.8 max | 1.8      |        |         |
| IC0805 | 7.8 max        | 5.3 max | 2.6      |        |         |
| IC0906 | 12.7±0.8       | 6.3±0.5 | 11.0±0.5 | 10.5±0 | 2.5±0.3 |
| IC1006 | 9.8 max        | 5.8 max | 2.9      |        |         |

**PART NUMBER EXAMPLE:**  
IC0906 - 100 M R

\* Test frequency is 1KHz.  
\*\*Add an "R" suffix for taped and reeled.