

## Wire Wound Standard Chip Inductor

## RoHS and Halogen Free

Chip I/LW

| Part Number                       | Size (inch) | Inductance. (nH) | Tolerance (nH or %) | L Freq. (MHZ) | Quality Fac-<br>tor Min. | SRF Min. (GHz) | DCR Max. (Ω) | IDC Max. (mA) | 900MHZ |    | 1.7GHZ |     |
|-----------------------------------|-------------|------------------|---------------------|---------------|--------------------------|----------------|--------------|---------------|--------|----|--------|-----|
|                                   |             |                  |                     |               |                          |                |              |               | L      | Q  | L      | Q   |
| LW0402                            | 0402        | 1.0              | ±10%                | 250           | 16                       | 12.70          | 0.045        | 1360          | 1.02   | 77 | 1.02   | 69  |
|                                   |             | 1.9              | ±5,10%              | 250           | 16                       | 11.30          | 0.070        | 1040          | 1.72   | 68 | 1.02   | 69  |
|                                   |             | 2.0              | ±5,10%              | 250           | 16                       | 11.10          | 0.070        | 1040          | 1.93   | 54 | 1.93   | 75  |
|                                   |             | 2.2              | ±5,10%              | 250           | 19                       | 10.80          | 0.070        | 960           | 2.19   | 59 | 2.23   | 100 |
|                                   |             | 2.4              | ±5,10%              | 250           | 15                       | 10.50          | 0.070        | 790           | 2.24   | 51 | 2.27   | 68  |
|                                   |             | 2.7              | ±5,10%              | 250           | 16                       | 10.40          | 0.120        | 640           | 2.23   | 42 | 2.25   | 61  |
|                                   |             | 3.3              | ±2,5,10%            | 250           | 19                       | 7.00           | 0.066        | 840           | 3.10   | 65 | 3.12   | 87  |
|                                   |             | 3.6              | ±2,5,10%            | 250           | 19                       | 6.80           | 0.066        | 840           | 3.56   | 45 | 3.62   | 71  |
|                                   |             | 3.9              | ±2,5,10%            | 250           | 19                       | 5.80           | 0.066        | 840           | 3.89   | 50 | 4.00   | 75  |
|                                   |             | 4.3              | ±2,5,10%            | 250           | 18                       | 6.00           | 0.091        | 700           | 4.19   | 47 | 4.30   | 71  |
|                                   |             | 4.7              | ±2,5,10%            | 250           | 18                       | 4.70           | 0.130        | 640           | 4.55   | 48 | 4.68   | 68  |
|                                   |             | 5.1              | ±2,5,10%            | 250           | 20                       | 4.80           | 0.083        | 800           | 5.15   | 56 | 5.25   | 82  |
|                                   |             | 5.6              | ±2,5,10%            | 250           | 20                       | 4.80           | 0.083        | 760           | 5.16   | 54 | 5.28   | 81  |
|                                   |             | 6.2              | ±2,5,10%            | 250           | 20                       | 4.80           | 0.083        | 760           | 6.16   | 52 | 6.37   | 76  |
|                                   |             | 6.8              | ±2,5,10%            | 250           | 20                       | 4.80           | 0.083        | 680           | 6.56   | 63 | 6.93   | 78  |
|                                   |             | 7.5              | ±2,5,10%            | 250           | 22                       | 4.80           | 0.104        | 680           | 7.91   | 60 | 8.22   | 88  |
|                                   |             | 8.2              | ±2,5,10%            | 250           | 22                       | 4.40           | 0.104        | 680           | 8.50   | 57 | 8.85   | 84  |
|                                   |             | 8.7              | ±2,5,10%            | 250           | 18                       | 4.10           | 0.200        | 480           | 8.78   | 54 | 9.21   | 73  |
|                                   |             | 9.0              | ±2,5,10%            | 250           | 22                       | 4.16           | 0.104        | 680           | 9.07   | 62 | 9.53   | 78  |
|                                   |             | 9.5              | ±2,5,10%            | 250           | 18                       | 4.00           | 0.200        | 480           | 9.42   | 54 | 9.98   | 69  |
|                                   |             | 10               | ±2,5,10%            | 250           | 21                       | 3.90           | 0.195        | 480           | 9.80   | 50 | 10.10  | 67  |
|                                   |             | 11               | ±2,5,10%            | 250           | 24                       | 3.68           | 0.120        | 640           | 10.70  | 52 | 11.20  | 78  |
|                                   |             | 12               | ±2,5,10%            | 250           | 24                       | 3.60           | 0.120        | 640           | 11.90  | 53 | 12.70  | 71  |
|                                   |             | 13               | ±2,5,10%            | 250           | 24                       | 3.45           | 0.210        | 440           | 13.40  | 51 | 14.60  | 57  |
|                                   |             | 15               | ±2,5,10%            | 250           | 24                       | 3.28           | 0.172        | 560           | 14.60  | 55 | 15.50  | 77  |
|                                   |             | 16               | ±2,5,10%            | 250           | 24                       | 3.10           | 0.220        | 560           | 16.60  | 46 | 18.80  | 47  |
|                                   |             | 18               | ±2,5,10%            | 250           | 25                       | 3.10           | 0.230        | 420           | 18.30  | 57 | 20.30  | 62  |
|                                   |             | 19               | ±2,5,10%            | 250           | 24                       | 3.04           | 0.202        | 480           | 19.10  | 50 | 21.10  | 67  |
|                                   |             | 20               | ±2,5,10%            | 250           | 25                       | 3.00           | 0.250        | 420           | 20.70  | 52 | 23.70  | 53  |
|                                   |             | 22               | ±2,5,10%            | 250           | 25                       | 2.80           | 0.300        | 400           | 23.20  | 53 | 26.80  | 53  |
|                                   |             | 23               | ±2,5,10%            | 250           | 24                       | 2.72           | 0.300        | 400           | 23.80  | 49 | 26.90  | 64  |
|                                   |             | 24               | ±2,5,10%            | 250           | 25                       | 2.70           | 0.300        | 400           | 25.10  | 51 | 29.50  | 50  |
|                                   |             | 27               | ±2,5,10%            | 250           | 24                       | 2.48           | 0.300        | 400           | 28.70  | 49 | 33.50  | 63  |
|                                   |             | 30               | ±2,5,10%            | 250           | 25                       | 2.35           | 0.350        | 400           | 31.10  | 46 | 38.50  | 39  |
|                                   |             | 33               | ±2,5,10%            | 250           | 24                       | 2.35           | 0.350        | 400           | 34.90  | 31 | 41.70  | 32  |
|                                   |             | 36               | ±2,5,10%            | 250           | 24                       | 2.32           | 0.440        | 320           | 39.50  | 44 | 48.40  | 53  |
|                                   |             | 39               | ±2,5,10%            | 250           | 25                       | 2.10           | 0.550        | 200           | 41.70  | 47 | 50.20  | 45  |
|                                   |             | 40               | ±2,5,10%            | 250           | 24                       | 2.24           | 0.500        | 320           | 39.00  | 44 | 47.40  | 33  |
|                                   |             | 43               | ±2,5,10%            | 250           | 25                       | 2.03           | 0.810        | 100           | 45.80  | 46 | 61.60  | 34  |
|                                   |             | 47               | ±2,5,10%            | 250           | 25                       | 2.10           | 0.830        | 150           | 50.00  | 38 | 55.80  | 37  |
|                                   |             | 51               | ±2,5,10%            | 250           | 25                       | 1.75           | 0.820        | 100           | 50.40  | 47 | 59.40  | 37  |
|                                   |             | 56               | ±2,5,10%            | 250           | 25                       | 1.76           | 0.970        | 100           | 57.40  | 49 | 72.40  | 40  |
|                                   |             | 68               | ±2,5,10%            | 250           | 22                       | 1.62           | 1.12         | 100           | 69.60  | 45 | 83.40  | 38  |
|                                   |             | 82               | ±2,5,10%            | 250           | 22                       | 1.26           | 1.550        | 50            | -      | -  | -      | -   |
|                                   |             | 100              | ±2,5,10%            | 250           | 22                       | 1.16           | 2.000        | 30            | -      | -  | -      | -   |
|                                   |             | 120              | ±2,5,10%            | 250           | 20                       | >1.80          | 2.660        | 50            | -      | -  | -      | -   |
| Note: 0402 type is no color dot,. |             |                  |                     |               |                          |                |              |               |        |    |        |     |

| Part Number | Size (inch) | Inductance. (nH) | Tolerance (nH or %) | L Freq. (MHZ) | Quality Factor Min. | SRF Min. (GHz) | DCR Max. (Ω) | IDC Max. (mA) | 900MHZ |    | 1.7GHZ |    | Color Code* |
|-------------|-------------|------------------|---------------------|---------------|---------------------|----------------|--------------|---------------|--------|----|--------|----|-------------|
|             |             |                  |                     |               |                     |                |              |               | L      | Q  | L      | Q  |             |
| LW0603      | 0603        | 1.6              | ±5,10%              | 250           | 24                  | 12.50          | 0.030        | 700           | 1.53   | 35 | 1.58   | 55 | Blue        |
|             |             | 1.8              | ±5,10%              | 250           | 16                  | 12.50          | 0.045        | 700           | 1.63   | 35 | 1.66   | 50 | Black       |
|             |             | 2.2              | ±5,10%              | 250           | 15                  | 6.00           | 0.100        | 700           | 2.18   | 41 | 2.20   | 64 | White       |
|             |             | 2.3              | ±5,10%              | 250           | 16                  | >4.00          | 0.140        | 700           | 2.32   | 32 | 2.35   | 40 | Yellow      |
|             |             | 3.3              | ±2,5,10%            | 250           | 22                  | >6.00          | 0.080        | 700           | 3.35   | 47 | 3.40   | 65 | Red         |
|             |             | 3.6              | ±2,5,10%            | 250           | 22                  | 5.80           | 0.063        | 700           | 3.53   | 49 | 3.58   | 65 | Violet      |
|             |             | 3.9              | ±2,5,10%            | 250           | 22                  | >6.00          | 0.080        | 700           | 3.95   | 49 | 3.96   | 67 | Brown       |
|             |             | 4.3              | ±2,5,10%            | 250           | 22                  | 5.80           | 0.063        | 700           | 4.32   | 49 | 4.43   | 67 | Orange      |
|             |             | 4.5              | ±2,5,10%            | 250           | 20                  | 5.80           | 0.120        | 700           | 4.74   | 55 | 4.87   | 92 | Gray        |
|             |             | 4.7              | ±2,5,10%            | 250           | 25                  | 5.80           | 0.120        | 700           | 4.65   | 53 | 4.80   | 67 | Violet      |
|             |             | 5.1              | ±2,5,10%            | 250           | 20                  | 5.80           | 0.160        | 700           | 5.13   | 47 | 5.36   | 56 | Green       |
|             |             | 5.6              | ±2,5,10%            | 250           | 20                  | 5.80           | 0.170        | 700           | 5.53   | 56 | 5.86   | 77 | Yellow      |
|             |             | 6.2              | ±2,5,10%            | 250           | 25                  | 5.80           | 0.110        | 700           | 6.28   | 60 | 6.40   | 85 | Black       |
|             |             | 6.3              | ±2,5,10%            | 250           | 25                  | 5.80           | 0.110        | 700           | 6.67   | 41 | 6.86   | 61 | Black       |
|             |             | 6.8              | ±2,5,10%            | 250           | 27                  | 5.80           | 0.110        | 700           | 6.75   | 60 | 7.10   | 81 | Red         |
|             |             | 7.5              | ±2,5,10%            | 250           | 28                  | 4.80           | 0.106        | 700           | 7.70   | 60 | 7.82   | 65 | Brown       |
|             |             | 8.2              | ±2,5,10%            | 250           | 27                  | 4.80           | 0.110        | 700           | 8.25   | 64 | 8.40   | 81 | Green       |
|             |             | 8.7              | ±2,5,10%            | 250           | 28                  | 4.80           | 0.109        | 700           | 8.86   | 62 | 9.32   | 58 | Yellow      |
|             |             | 9.1              | ±2,5,10%            | 250           | 35                  | 4.80           | 0.130        | 700           | 9.20   | 70 | 9.70   | 80 | Black       |
|             |             | 9.5              | ±2,5,10%            | 250           | 28                  | 5.40           | 0.135        | 700           | 9.70   | 59 | 9.92   | 61 | Blue        |
|             |             | 10               | ±2,5,10%            | 250           | 31                  | 4.80           | 0.130        | 700           | 10.0   | 66 | 10.6   | 83 | Orange      |
|             |             | 11               | ±2,5,10%            | 250           | 31                  | 4.00           | 0.086        | 700           | 11.3   | 53 | 12.1   | 56 | Gray        |
|             |             | 12               | ±2,5,10%            | 250           | 35                  | 4.00           | 0.130        | 700           | 12.3   | 72 | 13.5   | 83 | Yellow      |
|             |             | 15               | ±2,5,10%            | 250           | 35                  | 4.00           | 0.170        | 700           | 15.4   | 64 | 16.8   | 89 | Green       |
|             |             | 16               | ±2,5,10%            | 250           | 35                  | 3.30           | 0.110        | 700           | 16.5   | 55 | 18.0   | 52 | White       |
|             |             | 17               | ±2,5,10%            | 250           | 35                  | 3.20           | 0.170        | 700           | 17.6   | 56 | 19.4   | 44 | Red         |
|             |             | 18               | ±2,5,10%            | 250           | 35                  | 3.10           | 0.170        | 700           | 18.7   | 70 | 21.4   | 69 | Blue        |
|             |             | 20               | ±2,5,10%            | 250           | 40                  | 3.00           | 0.190        | 700           | 20.7   | 80 | 23.5   | 30 | Green       |
|             |             | 22               | ±2,5,10%            | 250           | 38                  | 3.00           | 0.190        | 700           | 22.8   | 73 | 26.1   | 71 | Violet      |
|             |             | 23               | ±2,5,10%            | 250           | 38                  | 2.85           | 0.190        | 700           | 24.1   | 71 | 28.0   | 71 | Orange      |
|             |             | 24               | ±2,5,10%            | 250           | 38                  | 2.80           | 0.130        | 700           | 25.7   | 45 | 30.9   | 40 | Black       |
|             |             | 27               | ±2,5,10%            | 250           | 40                  | 2.80           | 0.220        | 600           | 29.2   | 74 | 34.6   | 65 | Gray        |
|             |             | 30               | ±2,5,10%            | 250           | 40                  | 2.80           | 0.150        | 600           | 31.4   | 47 | 39.8   | 28 | Brown       |
|             |             | 33               | ±2,5,10%            | 250           | 40                  | 2.30           | 0.220        | 600           | 36.0   | 67 | 49.5   | 42 | White       |
|             |             | 36               | ±2,5,10%            | 250           | 37                  | 2.30           | 0.250        | 600           | 39.1   | 47 | 48.9   | 24 | Red         |
|             |             | 39               | ±2,5,10%            | 250           | 40                  | 2.20           | 0.250        | 600           | 42.7   | 60 | 60.2   | 40 | Black       |
|             |             | 43               | ±2,5,10%            | 200           | 38                  | 2.00           | 0.280        | 600           | 46.9   | 44 | 60.3   | 21 | Orange      |
|             |             | 47               | ±2,5,10%            | 200           | 38                  | 2.00           | 0.280        | 600           | 52.2   | 62 | 77.2   | 35 | Brown       |
|             |             | 51               | ±2,5,10%            | 200           | 38                  | 1.90           | 0.280        | 600           | 55.5   | 69 | 82.2   | 34 | Blue        |
|             |             | 56               | ±2,5,10%            | 200           | 38                  | 1.90           | 0.310        | 600           | 62.5   | 56 | 97.0   | 26 | Red         |
|             |             | 62               | ±2,5,10%            | 200           | 37                  | 1.80           | 0.340        | 600           | 68.0   | 40 | 110.0  | 10 | Gray        |
|             |             | 68               | ±2,5,10%            | 200           | 37                  | 1.70           | 0.340        | 600           | 80.5   | 54 | 168.0  | 21 | Orange      |
|             |             | 72               | ±2,5,10%            | 150           | 34                  | 1.70           | 0.490        | 600           | 82.0   | 53 | 135.0  | 20 | Yellow      |
|             |             | 82               | ±2,5,10%            | 150           | 34                  | 1.70           | 0.540        | 400           | 96.2   | 54 | 177.0  | 21 | Green       |
|             |             | 91               | ±2,5,10%            | 150           | 30                  | 1.70           | 0.500        | 400           | 110.0  | 50 | 416.4  | 6  | Brown       |
|             |             | 100              | ±2,5,10%            | 150           | 34                  | 1.40           | 0.580        | 400           | 124.0  | 49 | 319.5  | 13 | Blue        |
|             |             | 110              | ±2,5,10%            | 150           | 32                  | 1.35           | 0.610        | 300           | 138.0  | 43 | 342.7  | 15 | Violet      |
|             |             | 120              | ±2,5,10%            | 150           | 32                  | 1.30           | 0.650        | 300           | 166.0  | 39 | 529.3  | 8  | Gray        |
|             |             | 130              | ±2,5,10%            | 150           | 30                  | 1.40           | 0.720        | 300           | 185.0  | 60 | -      | -  | White       |
|             |             | 140              | ±2,5,10%            | 100           | 28                  | 1.30           | 0.870        | 280           | 190.0  | 80 | -      | -  | Blue        |
|             |             | 150              | ±2,5,10%            | 100           | 28                  | 1.30           | 0.950        | 280           | 230.0  | 25 | -      | -  | White       |
|             |             | 160              | ±2,5,10%            | 100           | 25                  | 1.30           | 1.400        | 250           | 215.0  | 20 | -      | -  | Yellow      |
|             |             | 180              | ±2,5,10%            | 100           | 25                  | 1.25           | 1.400        | 250           | 305.0  | 22 | -      | -  | Black       |
|             |             | 220              | ±2,5,10%            | 100           | 25                  | 1.20           | 1.600        | 250           | 377.0  | 21 | -      | -  | Brown       |
|             |             | 260              | ±2,5,10%            | 100           | 25                  | 1.00           | 2.000        | 200           | 469.0  | 21 | -      | -  | Violet      |
|             |             | 270              | ±2,5,10%            | 100           | 25                  | 0.90           | 2.100        | 200           | 523.0  | 19 | -      | -  | Red         |
|             |             | 280              | ±2,5,10%            | 100           | 25                  | 1.00           | 2.400        | 100           | 524.0  | 18 | -      | -  | Green       |
|             |             | 300              | ±2,5,10%            | 100           | 25                  | 0.75           | 2.500        | 150           | 539.7  | 21 | -      | -  | Orange      |
|             |             | 330              | ±2,5,10%            | 100           | 25                  | 0.90           | 3.800        | 100           | 680.4  | 20 | -      | -  | Blue        |
|             |             | 390              | ±2,5,10%            | 100           | 25                  | 0.90           | 4.350        | 100           | 734.5  | 29 | -      | -  | Yellow      |
|             |             | 470              | ±2,5,10%            | 100           | 23                  | 0.60           | 3.600        | 80            | -      | -  | -      | -  | White       |

Color Code\*: Because of small sizes, these parts are marked with a single color dot.

| Part Number | Size (inch) | Inductance. (nH) | Tolerance (nH or %) | L Freq. (MHZ) | Quality Factor Min. | SRF Min. (GHz) | DCR Max. (Ω) | IDC Max. (mA) | Color Code* |
|-------------|-------------|------------------|---------------------|---------------|---------------------|----------------|--------------|---------------|-------------|
| LW0805      | 0805        | 2.7              | ±5,10%              | 250           | 80/1500MHZ          | 7.900          | 0.06         | 800           | Brown       |
|             |             | 2.8              | ±5,10%              | 250           | 80/1500MHZ          | 7.900          | 0.06         | 800           | Gray        |
|             |             | 3.0              | ±5,10%              | 250           | 65/1500MHZ          | 7.900          | 0.06         | 800           | White       |
|             |             | 3.3              | ±5,10%              | 250           | 50/1500MHZ          | 6.000          | 0.08         | 600           | Black       |
|             |             | 5.6              | ±5,10%              | 250           | 65/1000MHZ          | 5.500          | 0.08         | 600           | Orange      |
|             |             | 6.2              | ±5,10%              | 250           | 50/1000MHZ          | 5.500          | 0.11         | 600           | Green       |
|             |             | 6.8              | ±5,10%              | 250           | 50/1000MHZ          | 5.500          | 0.11         | 600           | Brown       |
|             |             | 7.5              | ±5,10%              | 250           | 50/1000MHZ          | 4.500          | 0.14         | 600           | Green       |
|             |             | 8.2              | ±5,10%              | 250           | 50/1000MHZ          | 4.700          | 0.12         | 600           | Red         |
|             |             | 8.7              | ±5,10%              | 250           | 50/1000MHZ          | 4.000          | 0.21         | 400           | White       |
|             |             | 10               | ±2,5,10%            | 250           | 60/500MHZ           | 4.200          | 0.10         | 600           | Blue        |
|             |             | 12               | ±2,5,10%            | 250           | 50/500MHZ           | 4.000          | 0.15         | 600           | Orange      |
|             |             | 15               | ±2,5,10%            | 250           | 50/500MHZ           | 3.400          | 0.17         | 600           | Yellow      |
|             |             | 18               | ±2,5,10%            | 250           | 50/500MHZ           | 3.300          | 0.20         | 600           | Green       |
|             |             | 22               | ±2,5,10%            | 250           | 55/500MHZ           | 2.600          | 0.22         | 500           | Blue        |
|             |             | 24               | ±2,5,10%            | 250           | 50/500MHZ           | 2.000          | 0.22         | 500           | Gray        |
|             |             | 27               | ±2,5,10%            | 250           | 55/500MHZ           | 2.500          | 0.25         | 500           | Violet      |
|             |             | 33               | ±2,5,10%            | 250           | 60/500MHZ           | 2.050          | 0.27         | 500           | Gray        |
|             |             | 36               | ±2,5,10%            | 250           | 55/500MHZ           | 1.700          | 0.27         | 500           | Orange      |
|             |             | 39               | ±2,5,10%            | 250           | 60/500MHZ           | 2.000          | 0.29         | 500           | White       |
|             |             | 43               | ±2,5,10%            | 200           | 60/500MHZ           | 1.650          | 0.34         | 500           | Yellow      |
|             |             | 47               | ±2,5,10%            | 200           | 60/500MHZ           | 1.650          | 0.31         | 500           | Black       |
|             |             | 56               | ±2,5,10%            | 200           | 60/500MHZ           | 1.550          | 0.34         | 500           | Brown       |
|             |             | 68               | ±2,5,10%            | 200           | 60/500MHZ           | 1.450          | 0.38         | 500           | Red         |
|             |             | 72               | ±2,5,10%            | 150           | 65/500MHZ           | 1.400          | 0.40         | 500           | Green       |
|             |             | 82               | ±2,5,10%            | 150           | 65/500MHZ           | 1.300          | 0.42         | 400           | Orange      |
|             |             | 91               | ±2,5,10%            | 150           | 65/500MHZ           | 1.200          | 0.48         | 400           | Black       |
|             |             | 100              | ±2,5,10%            | 150           | 65/500MHZ           | 1.200          | 0.46         | 400           | Yellow      |
|             |             | 110              | ±2,5,10%            | 150           | 50/250MHZ           | 1.000          | 0.48         | 400           | Brown       |
|             |             | 120              | ±2,5,10%            | 150           | 50/250MHZ           | 1.100          | 0.51         | 400           | Green       |
|             |             | 150              | ±2,5,10%            | 100           | 50/250MHZ           | 0.920          | 0.56         | 400           | Blue        |
|             |             | 180              | ±2,5,10%            | 100           | 50/250MHZ           | 0.870          | 0.64         | 400           | Violet      |
|             |             | 200              | ±2,5,10%            | 100           | 50/250MHZ           | 0.860          | 0.66         | 400           | Orange      |
|             |             | 220              | ±2,5,10%            | 100           | 50/250MHZ           | 0.850          | 0.70         | 400           | Gray        |
|             |             | 240              | ±2,5,10%            | 100           | 44/250MHZ           | 0.690          | 1.00         | 350           | Red         |
|             |             | 250              | ±2,5,10%            | 100           | 50/250MHZ           | 0.680          | 1.00         | 350           | Green       |
|             |             | 270              | ±2,5,10%            | 100           | 48/250MHZ           | 0.650          | 1.00         | 350           | White       |
|             |             | 300              | ±2,5,10%            | 100           | 48/250MHZ           | 0.620          | 1.20         | 330           | Yellow      |
|             |             | 330              | ±2,5,10%            | 100           | 48/250MHZ           | 0.600          | 1.40         | 310           | Black       |
|             |             | 360              | ±2,5,10%            | 100           | 48/250MHZ           | 0.580          | 1.45         | 300           | Green       |
|             |             | 390              | ±2,5,10%            | 100           | 48/250MHZ           | 0.560          | 1.50         | 290           | Brown       |
|             |             | 430              | ±2,5,10%            | 50            | 33/100MHZ           | 0.430          | 1.70         | 230           | Blue        |
|             |             | 470              | ±2,5,10%            | 50            | 33/100MHZ           | 0.375          | 1.70         | 250           | Red         |
|             |             | 560              | ±2,5,10%            | 25            | 23/50MHZ            | 0.340          | 1.90         | 230           | Orange      |
|             |             | 600              | ±2,5,10%            | 25            | 23/50MHZ            | 0.260          | 1.60         | 450           | White       |
|             |             | 620              | ±2,5,10%            | 25            | 23/50MHZ            | 0.220          | 2.20         | 210           | Yellow      |
|             |             | 680              | ±2,5,10%            | 25            | 23/50MHZ            | 0.200          | 2.20         | 190           | Green       |
|             |             | 750              | ±2,5,10%            | 25            | 23/50MHZ            | 0.200          | 2.30         | 180           | Blue        |
|             |             | 820              | ±2,5,10%            | 25            | 23/50MHZ            | 0.200          | 2.35         | 180           | Violet      |
|             |             | 1000             | ±2,5,10%            | 25            | 20/50MHZ            | 0.100          | 2.50         | 170           | Gray        |
|             |             | 1200             | ±2,5,10%            | 7.9           | 18/25MHZ            | 0.100          | 2.50         | 170           | White       |
|             |             | 1500             | ±2,5,10%            | 7.9           | 16/25MHZ            | 0.100          | 2.50         | 170           | Black       |
|             |             | 1800             | ±2,5,10%            | 7.9           | 16/7.9MHZ           | 0.080          | 2.50         | 170           | Brown       |
|             |             | 2200             | ±2,5,10%            | 7.9           | 16/7.9MHZ           | 0.060          | 2.70         | 160           | Red         |
|             |             | 2700             | ±2,5,10%            | 7.9           | 16/7.9MHZ           | 0.050          | 3.10         | 150           | Orange      |
|             |             | 3300             | ±2,5,10%            | 7.9           | 15/7.9MHZ           | 0.040          | 4.40         | 90            | Blue        |
|             |             | 4700             | ±2,5,10%            | 7.9           | 15/7.9MHZ           | 0.040          | 6.40         | 90            | Green       |

Color Code\*: Because of small sizes, these parts are marked with a single color dot.

| Part Number                                                                          | Size (inch) | Inductance. (nH) | Tolerance (nH or %) | L Freq. (MHZ) | Quality Factor Min. | SRF Min. (GHz) | DCR Max. (Ω) | IDC Max. (mA) | Color Code* |
|--------------------------------------------------------------------------------------|-------------|------------------|---------------------|---------------|---------------------|----------------|--------------|---------------|-------------|
| LW1008                                                                               | 1008        | 5.6              | ±5,10%              | 50            | 50/1500MHZ          | 4.000          | 0.15         | 1000          | Black       |
|                                                                                      |             | 10               | ±2,5,10%            | 50            | 50/500MHZ           | 4.100          | 0.08         | 1000          | Brown       |
|                                                                                      |             | 12               | ±2,5,10%            | 50            | 50/500MHZ           | 3.300          | 0.09         | 1000          | Red         |
|                                                                                      |             | 15               | ±2,5,10%            | 50            | 50/500MHZ           | 2.500          | 0.11         | 1000          | Orange      |
|                                                                                      |             | 18               | ±2,5,10%            | 50            | 50/350MHZ           | 2.400          | 0.12         | 1000          | Yellow      |
|                                                                                      |             | 22               | ±2,5,10%            | 50            | 55/350MHZ           | 2.400          | 0.12         | 1000          | Green       |
|                                                                                      |             | 24               | ±2,5,10%            | 50            | 55/350MHZ           | 1.900          | 0.13         | 1000          | Blue        |
|                                                                                      |             | 27               | ±2,5,10%            | 50            | 55/350MHZ           | 1.600          | 0.13         | 1000          | Violet      |
|                                                                                      |             | 33               | ±2,5,10%            | 50            | 60/350MHZ           | 1.600          | 0.14         | 1000          | Gray        |
|                                                                                      |             | 36               | ±2,5,10%            | 50            | 60/350MHZ           | 1.600          | 0.15         | 1000          | Orange      |
|                                                                                      |             | 39               | ±2,5,10%            | 50            | 60/350MHZ           | 1.500          | 0.15         | 1000          | White       |
|                                                                                      |             | 47               | ±2,5,10%            | 50            | 65/350MHZ           | 1.500          | 0.16         | 1000          | Black       |
|                                                                                      |             | 56               | ±2,5,10%            | 50            | 65/350MHZ           | 1.300          | 0.18         | 1000          | Brown       |
|                                                                                      |             | 62               | ±2,5,10%            | 50            | 65/350MHZ           | 1.250          | 0.20         | 1000          | Blue        |
|                                                                                      |             | 68               | ±2,5,10%            | 50            | 65/350MHZ           | 1.300          | 0.20         | 1000          | Red         |
|                                                                                      |             | 75               | ±2,5,10%            | 50            | 60/350MHZ           | 1.100          | 0.21         | 1000          | White       |
|                                                                                      |             | 82               | ±2,5,10%            | 50            | 60/350MHZ           | 1.000          | 0.22         | 1000          | Orange      |
|                                                                                      |             | 91               | ±2,5,10%            | 50            | 50/350MHZ           | 1.000          | 0.45         | 1000          | White       |
|                                                                                      |             | 100              | ±2,5,10%            | 25            | 60/350MHZ           | 1.000          | 0.56         | 650           | Yellow      |
|                                                                                      |             | 120              | ±2,5,10%            | 25            | 60/350MHZ           | 0.950          | 0.63         | 650           | Green       |
|                                                                                      |             | 150              | ±2,5,10%            | 25            | 45/100MHZ           | 0.850          | 0.70         | 800           | Blue        |
|                                                                                      |             | 180              | ±2,5,10%            | 25            | 45/100MHZ           | 0.750          | 0.77         | 620           | Violet      |
|                                                                                      |             | 220              | ±2,5,10%            | 25            | 45/100MHZ           | 0.700          | 0.84         | 500           | Gray        |
|                                                                                      |             | 240              | ±2,5,10%            | 25            | 45/100MHZ           | 0.650          | 0.88         | 500           | White       |
|                                                                                      |             | 270              | ±2,5,10%            | 25            | 45/100MHZ           | 0.600          | 0.91         | 690           | Black       |
|                                                                                      |             | 300              | ±2,5,10%            | 25            | 45/100MHZ           | 0.585          | 1.00         | 450           | Brown       |
|                                                                                      |             | 330              | ±2,5,10%            | 25            | 45/100MHZ           | 0.570          | 1.05         | 450           | Red         |
|                                                                                      |             | 360              | ±2,5,10%            | 25            | 45/100MHZ           | 0.530          | 1.10         | 470           | Orange      |
|                                                                                      |             | 390              | ±2,5,10%            | 25            | 45/100MHZ           | 0.500          | 1.12         | 630           | Yellow      |
|                                                                                      |             | 430              | ±2,5,10%            | 25            | 45/100MHZ           | 0.480          | 1.15         | 470           | Green       |
|                                                                                      |             | 470              | ±2,5,10%            | 25            | 45/100MHZ           | 0.450          | 1.19         | 470           | Blue        |
|                                                                                      |             | 560              | ±2,5,10%            | 25            | 45/100MHZ           | 0.415          | 1.33         | 580           | Violet      |
|                                                                                      |             | 620              | ±2,5,10%            | 25            | 45/100MHZ           | 0.375          | 1.40         | 300           | Gray        |
|                                                                                      |             | 680              | ±2,5,10%            | 25            | 45/100MHZ           | 0.375          | 1.47         | 540           | White       |
|                                                                                      |             | 750              | ±2,5,10%            | 25            | 45/100MHZ           | 0.360          | 1.54         | 360           | Black       |
|                                                                                      |             | 820              | ±2,5,10%            | 25            | 45/100MHZ           | 0.350          | 1.61         | 400           | Brown       |
|                                                                                      |             | 910              | ±2,5,10%            | 25            | 35/50MHZ            | 0.320          | 1.68         | 380           | Red         |
|                                                                                      |             | 1000             | ±2,5,10%            | 25            | 35/50MHZ            | 0.290          | 1.75         | 370           | Orange      |
|                                                                                      |             | 1200             | ±2,5,10%            | 7.9           | 35/50MHZ            | 0.250          | 2.00         | 310           | Yellow      |
|                                                                                      |             | 1500             | ±2,5,10%            | 7.9           | 28/50MHZ            | 0.200          | 2.30         | 330           | Green       |
|                                                                                      |             | 1800             | ±2,5,10%            | 7.9           | 28/50MHZ            | 0.160          | 2.60         | 300           | Blue        |
|                                                                                      |             | 2200             | ±2,5,10%            | 7.9           | 28/50MHZ            | 0.160          | 2.80         | 280           | Violet      |
|                                                                                      |             | 2700             | ±2,5,10%            | 7.9           | 22/25MHZ            | 0.140          | 3.20         | 290           | Gray        |
|                                                                                      |             | 3300             | ±2,5,10%            | 7.9           | 22/25MHZ            | 0.110          | 3.40         | 290           | White       |
|                                                                                      |             | 3900             | ±2,5,10%            | 7.9           | 18/25MHZ            | 0.100          | 3.60         | 260           | Black       |
|                                                                                      |             | 4700             | ±2,5,10%            | 7.9           | 18/25MHZ            | 0.090          | 4.00         | 260           | Brown       |
|                                                                                      |             | 5600             | ±2,5,10%            | 7.9           | 16/7.96MHZ          | 0.020          | 4.00         | 240           | Red         |
|                                                                                      |             | 6800             | ±2,5,10%            | 7.9           | 15/7.96MHZ          | 0.040          | 4.90         | 200           | Orange      |
|                                                                                      |             | 8200             | ±2,5,10%            | 7.9           | 15/7.96MHZ          | 0.025          | 6.00         | 170           | Yellow      |
|                                                                                      |             | 10000            | ±2,5,10%            | 2.52          | 15/7.96MHZ          | 0.020          | 9.00         | 150           | Green       |
|                                                                                      |             | 12000            | ±2,5,10%            | 2.52          | 15/7.96MHZ          | 0.018          | 10.5         | 130           | Blue        |
|                                                                                      |             | 15000            | ±2,5,10%            | 2.52          | 15/7.96MHZ          | 0.015          | 11.5         | 120           | Violet      |
| Color Code*: Because of small sizes, these parts are marked with a single dolor dot. |             |                  |                     |               |                     |                |              |               |             |

| Part Number | Size (inch) | Inductance. (nH) | Tolerance (nH or %) | L Freq. (MHZ) | Quality Factor Min. | SRF Min. (GHz) | DCR Max. (Ω) | IDC Max. (mA) |
|-------------|-------------|------------------|---------------------|---------------|---------------------|----------------|--------------|---------------|
| LW1206      | 1206        | 6.8              | ±5,10%              | 100           | 30/300MHZ           | 5.50           | 0.07         | 1000          |
|             |             | 10               | ±5,10%              | 100           | 40/300MHZ           | 4.00           | 0.08         | 1000          |
|             |             | 12               | ±5,10%              | 100           | 40/300MHZ           | 3.20           | 0.08         | 1000          |
|             |             | 15               | ±5,10%              | 100           | 40/300MHZ           | 3.20           | 0.10         | 1000          |
|             |             | 18               | ±5,10%              | 100           | 50/300MHZ           | 2.80           | 0.10         | 1000          |
|             |             | 22               | ±5,10%              | 100           | 50/300MHZ           | 2.20           | 0.10         | 1000          |
|             |             | 24               | ±5,10%              | 100           | 50/300MHZ           | 2.00           | 0.10         | 1000          |
|             |             | 27               | ±2,5,10%            | 100           | 50/300MHZ           | 1.80           | 0.11         | 1000          |
|             |             | 33               | ±2,5,10%            | 100           | 55/300MHZ           | 1.80           | 0.11         | 1000          |
|             |             | 39               | ±2,5,10%            | 100           | 55/300MHZ           | 1.80           | 0.12         | 1000          |
|             |             | 47               | ±2,5,10%            | 100           | 55/300MHZ           | 1.50           | 0.13         | 1000          |
|             |             | 56               | ±2,5,10%            | 100           | 55/300MHZ           | 1.45           | 0.14         | 1000          |
|             |             | 62               | ±2,5,10%            | 100           | 55/300MHZ           | 1.20           | 0.20         | 1000          |
|             |             | 68               | ±2,5,10%            | 100           | 55/300MHZ           | 1.20           | 0.26         | 950           |
|             |             | 82               | ±2,5,10%            | 100           | 55/300MHZ           | 1.20           | 0.21         | 920           |
|             |             | 91               | ±2,5,10%            | 100           | 55/300MHZ           | 1.10           | 0.24         | 900           |
|             |             | 100              | ±2,5,10%            | 100           | 55/300MHZ           | 1.10           | 0.26         | 850           |
|             |             | 120              | ±2,5,10%            | 100           | 55/300MHZ           | 0.75           | 0.26         | 800           |
|             |             | 150              | ±2,5,10%            | 100           | 60/300MHZ           | 0.95           | 0.31         | 750           |
|             |             | 180              | ±2,5,10%            | 50            | 55/300MHZ           | 0.90           | 0.43         | 700           |
|             |             | 220              | ±2,5,10%            | 50            | 55/300MHZ           | 0.76           | 0.50         | 670           |
|             |             | 270              | ±2,5,10%            | 50            | 55/300MHZ           | 0.74           | 0.56         | 630           |
|             |             | 300              | ±2,5,10%            | 50            | 50/300MHZ           | 0.68           | 0.60         | 600           |
|             |             | 330              | ±2,5,10%            | 50            | 45/300MHZ           | 0.65           | 0.62         | 590           |
|             |             | 360              | ±2,5,10%            | 50            | 45/300MHZ           | 0.60           | 0.65         | 550           |
|             |             | 390              | ±2,5,10%            | 50            | 45/300MHZ           | 0.60           | 0.75         | 530           |
|             |             | 470              | ±2,5,10%            | 50            | 45/300MHZ           | 0.55           | 1.30         | 490           |
|             |             | 560              | ±2,5,10%            | 35            | 45/300MHZ           | 0.47           | 1.34         | 460           |
|             |             | 620              | ±2,5,10%            | 35            | 45/300MHZ           | 0.47           | 1.58         | 460           |
|             |             | 680              | ±2,5,10%            | 35            | 45/300MHZ           | 0.45           | 1.58         | 430           |
|             |             | 750              | ±2,5,10%            | 35            | 45/300MHZ           | 0.44           | 2.25         | 320           |
|             |             | 820              | ±2,5,10%            | 35            | 45/300MHZ           | 0.42           | 1.82         | 400           |
|             |             | 910              | ±2,5,10%            | 35            | 45/300MHZ           | 0.41           | 2.95         | 310           |
|             |             | 1000             | ±2,5,10%            | 35            | 45/300MHZ           | 0.40           | 2.80         | 320           |
|             |             | 1200             | ±2,5,10%            | 35            | 45/300MHZ           | 0.38           | 3.20         | 300           |

Color Code\*: Because of small sizes, these parts are marked with a single color dot.