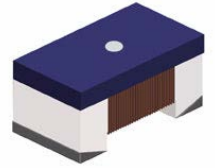


- Features:
- WW on ceramic provides high SRFs
  - Robust termination for outstanding mechanical strength
  - Ultra compact inductors provide exceptional Q values
  - Tight tolerances of  $\pm 2\%$  available
  - Contact factory for inductance values outside those listed in the datasheet



### Applications:

#### RF Products

- Cellular phones (CDMA/GSM/PHS)
- Wireless PDA
- GPS receiver
- Cordless phones (DECT/CT1CT2)
- Remote controls, security systems
- Wireless PDA
- WLL, Wireless lan/mouse/keyboard

#### Broad Band Apps

- CATV filter, tuner
- Cable modem / XDSL tuner

#### IT Applications

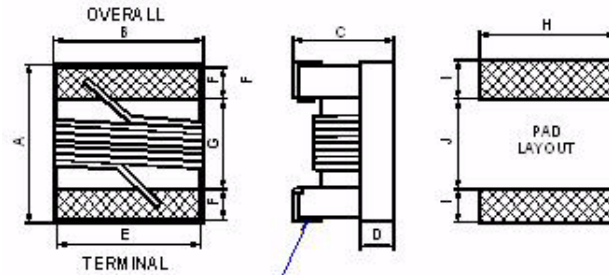
- USB 2.0
- IEEE 1394

### Inductance and Current Ranges

| Type | Inductance (nH) | Current Range (mA) |
|------|-----------------|--------------------|
| WL02 | 1 ~ 120         | 1360 ~ 50          |
| WL03 | 1.6 ~ 470       | 2400 ~ 80          |
| WL05 | 2.5 ~ 4700      | 1600 ~ 90          |
| WL08 | 3 ~ 15000       | 1600 ~ 120         |
| WL06 | 6.8 ~ 1200      | 1000 ~ 300         |

### How to Order

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TERMINAL WRAPAROUND:  
Approx. 0.007" / 0.18mm both ends

#### Mechanical Specification - Standard

| Type/Code | A<br>Max      | B<br>Max      | C<br>Max      | D<br>Ref      | E             | F             | G             | H             | I             | J             | Unit         |
|-----------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|
| WL02      | 0.050<br>1.27 | 0.030<br>0.76 | 0.024<br>0.61 | 0.006<br>0.15 | 0.020<br>0.51 | 0.009<br>0.23 | 0.022<br>0.56 | 0.026<br>0.66 | 0.020<br>0.50 | 0.018<br>0.46 | inches<br>mm |
| WL03      | 0.071<br>1.80 | 0.044<br>1.12 | 0.040<br>1.02 | 0.015<br>0.38 | 0.030<br>0.76 | 0.013<br>0.33 | 0.034<br>0.86 | 0.040<br>1.02 | 0.025<br>0.64 | 0.025<br>0.64 | inches<br>mm |
| WL05      | 0.090<br>2.29 | 0.070<br>1.78 | 0.060<br>1.52 | 0.020<br>0.51 | 0.050<br>1.27 | 0.017<br>0.44 | 0.040<br>1.02 | 0.070<br>1.78 | 0.040<br>1.02 | 0.030<br>0.76 | inches<br>mm |
| WL08      | 0.115<br>2.92 | 0.110<br>2.79 | 0.084<br>2.13 | 0.026<br>0.65 | 0.080<br>2.03 | 0.020<br>0.51 | 0.060<br>1.52 | 0.100<br>2.54 | 0.040<br>1.02 | 0.050<br>1.27 | inches<br>mm |
| WL06      | 0.136<br>3.45 | 0.075<br>1.90 | 0.055<br>1.40 | 0.020<br>0.50 | 0.063<br>1.60 | 0.020<br>0.50 | 0.087<br>2.20 | 0.076<br>1.93 | 0.040<br>1.02 | 0.070<br>1.78 | inches<br>mm |

#### Mechanical Specification – High Current / High Q

| Type/Code | A<br>Max      | B<br>Max      | C<br>Max      | D<br>Ref      | E             | F             | G             | H             | I             | J             | Unit         |
|-----------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|
| WL03      | 0.071<br>1.80 | 0.044<br>1.12 | 0.040<br>1.02 | 0.015<br>0.38 | 0.030<br>0.76 | 0.013<br>0.33 | 0.034<br>0.86 | 0.040<br>1.02 | 0.025<br>0.64 | 0.025<br>0.64 | inches<br>mm |
| WL05      | 0.090<br>2.29 | 0.070<br>1.78 | 0.060<br>1.52 | 0.020<br>0.51 | 0.050<br>1.27 | 0.017<br>0.44 | 0.040<br>1.02 | 0.070<br>1.78 | 0.040<br>1.02 | 0.030<br>0.76 | inches<br>mm |
| WL08      | 0.115<br>2.92 | 0.110<br>2.79 | 0.080<br>2.03 | 0.026<br>0.65 | 0.080<br>2.03 | 0.020<br>0.51 | 0.060<br>1.52 | 0.100<br>2.54 | 0.040<br>1.02 | 0.050<br>1.27 | inches<br>mm |

| Electrical Specification – WL02 Standard |              |                 |                |              |                |                  |         |    |        |     |
|------------------------------------------|--------------|-----------------|----------------|--------------|----------------|------------------|---------|----|--------|-----|
| Type / Code                              | L<br>(nH)    | Q Factor<br>Min | Tolerance      | SRF<br>(GHz) | DCR (Ω)<br>Max | I DC<br>(mA) Max | 900 MHz |    | 1.7GHz |     |
|                                          |              |                 |                |              |                |                  | L       | Q  | L      | Q   |
| WL02- T1N0                               | 1 @ 250MHz   | 16              | ±10%           | 12.70        | 0.045          | 1360             | 1.02    | 77 | 1.02   | 69  |
| WL02- T1N9                               | 1.9 @ 250MHz | 16              |                | 11.30        | 0.070          | 1040             | 1.72    | 68 | 1.74   | 82  |
| WL02- T2N0                               | 2 @ 250MHz   | 16              |                | 11.10        | 0.070          | 1040             | 1.93    | 54 | 1.93   | 75  |
| WL02- T2N2                               | 2.2 @ 250MHz | 19              |                | 10.80        | 0.070          | 960              | 2.19    | 59 | 2.23   | 100 |
| WL02- T2N4                               | 2.4 @ 250MHz | 15              |                | 10.50        | 0.070          | 790              | 2.24    | 51 | 2.27   | 68  |
| WL02- T2N7                               | 2.7 @ 250MHz | 16              |                | 10.40        | 0.120          | 640              | 2.23    | 42 | 2.25   | 61  |
| WL02- T3N3                               | 3.3 @ 250MHz | 19              |                | 7.00         | 0.066          | 840              | 3.10    | 65 | 3.12   | 87  |
| WL02- T3N6                               | 3.6 @ 250MHz | 19              | ±5%, ±10%      | 6.80         | 0.066          | 840              | 3.56    | 45 | 3.62   | 71  |
| WL02- T3N9                               | 3.9 @ 250MHz | 19              |                | 5.80         | 0.066          | 840              | 3.89    | 50 | 4.00   | 75  |
| WL02- T4N3                               | 4.3 @ 250MHz | 18              |                | 6.00         | 0.091          | 700              | 4.19    | 47 | 4.30   | 71  |
| WL02- T4N7                               | 4.7 @ 250MHz | 15              |                | 4.70         | 0.130          | 640              | 4.55    | 48 | 4.68   | 68  |
| WL02- T5N1                               | 5.1 @ 250MHz | 20              |                | 4.80         | 0.083          | 800              | 5.15    | 56 | 5.25   | 82  |
| WL02- T5N6                               | 5.6 @ 250MHz | 20              |                | 4.80         | 0.083          | 760              | 5.16    | 54 | 5.28   | 81  |
| WL02- T6N2                               | 6.2 @ 250MHz | 20              |                | 4.80         | 0.083          | 760              | 6.16    | 52 | 6.37   | 76  |
| WL02- T6N8                               | 6.8 @ 250MHz | 20              |                | 4.80         | 0.083          | 680              | 6.56    | 63 | 6.93   | 78  |
| WL02- T7N5                               | 7.5 @ 250MHz | 22              |                | 4.80         | 0.104          | 680              | 7.91    | 60 | 8.22   | 88  |
| WL02- T8N2                               | 8.2 @ 250MHz | 22              |                | 4.40         | 0.104          | 680              | 8.50    | 57 | 8.85   | 84  |
| WL02- T8N7                               | 8.7 @ 250MHz | 18              |                | 4.10         | 0.200          | 480              | 8.78    | 54 | 9.21   | 73  |
| WL02- T9N0                               | 9 @ 250MHz   | 22              |                | 4.16         | 0.104          | 680              | 9.07    | 62 | 9.53   | 78  |
| WL02- T9N5                               | 9.5 @ 250MHz | 18              |                | 4.00         | 0.200          | 480              | 9.42    | 54 | 9.98   | 69  |
| WL02- T10N                               | 10 @ 250MHz  | 21              | ±2%, ±5%, ±10% | 3.90         | 0.195          | 480              | 9.80    | 50 | 10.10  | 67  |
| WL02- T11N                               | 11 @ 250MHz  | 24              |                | 3.68         | 0.120          | 640              | 10.70   | 52 | 11.20  | 78  |
| WL02- T12N                               | 12 @ 250MHz  | 24              |                | 3.60         | 0.120          | 640              | 11.90   | 53 | 12.70  | 71  |
| WL02- T13N                               | 13 @ 250MHz  | 24              |                | 3.45         | 0.210          | 440              | 13.40   | 51 | 14.60  | 57  |
| WL02- T15N                               | 15 @ 250MHz  | 24              |                | 3.28         | 0.172          | 560              | 14.60   | 55 | 15.50  | 77  |
| WL02- T16N                               | 16 @ 250MHz  | 24              |                | 3.10         | 0.220          | 560              | 16.60   | 46 | 18.80  | 47  |
| WL02- T18N                               | 18 @ 250MHz  | 24              |                | 3.10         | 0.230          | 420              | 18.30   | 57 | 20.30  | 62  |
| WL02- T19N                               | 19 @ 250MHz  | 24              |                | 3.04         | 0.202          | 480              | 19.10   | 50 | 21.10  | 67  |
| WL02- T20N                               | 20 @ 250MHz  | 25              |                | 3.00         | 0.250          | 420              | 20.70   | 52 | 23.70  | 53  |
| WL02- T22N                               | 22 @ 250MHz  | 25              |                | 2.80         | 0.300          | 400              | 23.20   | 53 | 26.80  | 53  |
| WL02- T23N                               | 23 @ 250MHz  | 22              |                | 2.72         | 0.300          | 400              | 23.80   | 49 | 26.90  | 64  |
| WL02- T24N                               | 24 @ 250MHz  | 25              |                | 2.70         | 0.300          | 400              | 25.10   | 51 | 29.50  | 50  |
| WL02- T27N                               | 27 @ 250MHz  | 24              |                | 2.48         | 0.300          | 400              | 28.70   | 49 | 33.50  | 63  |
| WL02- T30N                               | 30 @ 250MHz  | 25              |                | 2.35         | 0.350          | 400              | 31.10   | 46 | 38.50  | 39  |
| WL02- T33N                               | 33 @ 250MHz  | 24              |                | 2.35         | 0.350          | 400              | 34.90   | 31 | 41.70  | 32  |
| WL02- T36N                               | 36 @ 250MHz  | 24              |                | 2.32         | 0.440          | 320              | 39.50   | 44 | 48.40  | 53  |
| WL02- T39N                               | 39 @ 250MHz  | 25              |                | 2.10         | 0.550          | 200              | 41.70   | 47 | 50.20  | 45  |
| WL02- T40N                               | 40 @ 250MHz  | 24              |                | 2.24         | 0.500          | 320              | 39.00   | 44 | 47.40  | 33  |
| WL02- T43N                               | 43 @ 250MHz  | 25              |                | 2.03         | 0.810          | 100              | 45.80   | 46 | 61.60  | 34  |
| WL02- T47N                               | 47 @ 250MHz  | 20              |                | 2.10         | 0.830          | 150              | 50.00   | 38 | 55.80  | 37  |
| WL02- T51N                               | 51 @ 250MHz  | 25              |                | 1.75         | 0.820          | 100              | 50.40   | 47 | 59.40  | 37  |
| WL02- T56N                               | 56 @ 250MHz  | 22              |                | 1.76         | 0.970          | 100              | 57.40   | 49 | 72.40  | 40  |
| WL02- T68N                               | 68 @ 250MHz  | 22              |                | 1.62         | 1.120          | 100              | 69.60   | 45 | 83.40  | 38  |
| WL02- T82N                               | 82 @ 250MHz  | 22              |                | 1.26         | 1.550          | 50               | -       | -  | -      | -   |
| WL02- TR10                               | 100 @ 250MHz | 22              |                | 1.23         | 2.000          | 30               | -       | -  | -      | -   |
| WL02- TR12                               | 120 @ 250MHz | 20              |                | >1.80        | 2.660          | 50               | -       | -  | -      | -   |

| Electrical Specification – WL03 Standard |              |                 |                |              |                |                  |         |    |        |    |
|------------------------------------------|--------------|-----------------|----------------|--------------|----------------|------------------|---------|----|--------|----|
| Type / Code                              | L<br>(nH)    | Q Factor<br>Min | Tolerance      | SRF<br>(GHz) | DCR (Ω)<br>Max | I DC<br>(mA) Max | 900 MHz |    | 1.7GHz |    |
|                                          |              |                 |                |              |                |                  | L       | Q  | L      | Q  |
| WL03- T1N6                               | 1.6 @ 250MHz | 24              | ±5%, ±10%      | 12.50        | 0.030          | 700              | 1.53    | 35 | 1.58   | 55 |
| WL03- T1N8                               | 1.8 @ 250MHz | 16              |                | 12.50        | 0.045          | 700              | 1.63    | 35 | 1.66   | 50 |
| WL03- T2N2                               | 2.2 @ 250MHz | 20              |                | 6.00         | 0.100          | 700              | 2.18    | 41 | 2.2    | 64 |
| WL03- T2N3                               | 2.3 @ 250MHz | 16              |                | >4.00        | 0.140          | 700              | 2.32    | 32 | 2.35   | 40 |
| WL03- T3N3                               | 3.3 @ 250MHz | 22              | ±2%, ±5%, ±10% | >6.00        | 0.080          | 700              | 3.35    | 47 | 3.4    | 65 |
| WL03- T3N6                               | 3.6 @ 250MHz | 22              |                | 5.80         | 0.063          | 700              | 3.53    | 49 | 3.58   | 65 |
| WL03- T3N9                               | 3.9 @ 250MHz | 22              |                | >6.00        | 0.080          | 700              | 3.95    | 49 | 3.96   | 67 |
| WL03- T4N3                               | 4.3 @ 250MHz | 22              |                | 5.80         | 0.063          | 700              | 4.32    | 49 | 4.43   | 67 |
| WL03- T4N5                               | 4.5 @ 250MHz | 20              |                | 5.80         | 0.120          | 700              | 4.74    | 55 | 4.87   | 92 |
| WL03- T4N7                               | 4.7 @ 250MHz | 20              |                | 5.80         | 0.120          | 700              | 4.65    | 53 | 4.8    | 67 |
| WL03- T5N1                               | 5.1 @ 250MHz | 20              |                | 5.80         | 0.160          | 700              | 5.13    | 47 | 5.36   | 56 |
| WL03- T5N6                               | 5.6 @ 250MHz | 20              |                | 5.80         | 0.170          | 700              | 5.53    | 56 | 5.86   | 77 |
| WL03- T6N2                               | 6.2 @ 250MHz | 25              |                | 5.80         | 0.110          | 700              | 6.28    | 60 | 6.4    | 85 |
| WL03- T6N3                               | 6.3 @ 250MHz | 25              |                | 5.80         | 0.110          | 700              | 6.67    | 41 | 6.86   | 61 |
| WL03- T6N8                               | 6.8 @ 250MHz | 27              |                | 5.80         | 0.110          | 700              | 6.75    | 60 | 7.1    | 81 |
| WL03- T7N5                               | 7.5 @ 250MHz | 28              |                | 4.80         | 0.106          | 700              | 7.70    | 60 | 7.82   | 65 |
| WL03- T8N2                               | 8.2 @ 250MHz | 27              |                | 4.80         | 0.110          | 700              | 8.25    | 64 | 8.4    | 81 |
| WL03- T8N7                               | 8.7 @ 250MHz | 28              |                | 4.60         | 0.109          | 700              | 8.86    | 62 | 9.32   | 58 |
| WL03- T9N1                               | 9.1 @ 250MHz | 35              |                | 4.80         | 0.130          | 700              | 9.20    | 70 | 9.7    | 80 |
| WL03- T9N5                               | 9.5 @ 250MHz | 28              |                | 5.40         | 0.135          | 700              | 9.70    | 59 | 9.92   | 61 |
| WL03- T10N                               | 10 @ 250MHz  | 31              |                | 4.80         | 0.130          | 700              | 10.00   | 66 | 10.6   | 83 |
| WL03- T11N                               | 11 @ 250MHz  | 31              |                | 4.00         | 0.086          | 700              | 11.30   | 53 | 12.1   | 56 |
| WL03- T12N                               | 12 @ 250MHz  | 35              |                | 4.00         | 0.130          | 700              | 12.30   | 72 | 13.5   | 83 |
| WL03- T15N                               | 15 @ 250MHz  | 35              |                | 4.00         | 0.170          | 700              | 15.40   | 64 | 16.8   | 89 |
| WL03- T16N                               | 16 @ 250MHz  | 35              |                | 3.30         | 0.110          | 700              | 16.50   | 55 | 18     | 52 |
| WL03- T17N                               | 17 @ 250MHz  | 35              |                | 3.20         | 0.170          | 700              | 17.60   | 56 | 19.4   | 44 |
| WL03- T18N                               | 18 @ 250MHz  | 35              |                | 3.10         | 0.170          | 700              | 18.70   | 70 | 21.4   | 69 |
| WL03- T20N                               | 20 @ 250MHz  | 40              |                | 3.00         | 0.190          | 700              | 20.70   | 80 | 23.5   | 30 |
| WL03- T22N                               | 22 @ 250MHz  | 38              |                | 3.00         | 0.190          | 700              | 22.80   | 73 | 26.1   | 71 |
| WL03- T23N                               | 23 @ 250MHz  | 38              |                | 2.85         | 0.190          | 700              | 24.10   | 71 | 28     | 71 |
| WL03- T24N                               | 24 @ 250MHz  | 36              |                | 2.80         | 0.130          | 700              | 25.70   | 45 | 30.9   | 40 |
| WL03- T27N                               | 27 @ 250MHz  | 40              |                | 2.80         | 0.220          | 600              | 29.20   | 74 | 34.6   | 65 |
| WL03- T30N                               | 30 @ 250MHz  | 37              |                | 2.80         | 0.150          | 600              | 31.40   | 47 | 39.8   | 28 |
| WL03- T33N                               | 33 @ 250MHz  | 40              |                | 2.30         | 0.220          | 600              | 36.00   | 67 | 49.5   | 42 |
| WL03- T36N                               | 36 @ 250MHz  | 37              |                | 2.30         | 0.250          | 600              | 39.10   | 47 | 48.9   | 24 |
| WL03- T39N                               | 39 @ 250MHz  | 40              |                | 2.20         | 0.250          | 600              | 42.70   | 60 | 60.2   | 40 |
| WL03- T43N                               | 43 @ 200MHz  | 38              |                | 2.00         | 0.280          | 600              | 46.90   | 44 | 60.3   | 21 |
| WL03- T47N                               | 47 @ 200MHz  | 38              |                | 2.00         | 0.280          | 600              | 52.20   | 62 | 77.2   | 35 |
| WL03- T51N                               | 51 @ 200MHz  | 35              |                | 1.90         | 0.280          | 600              | 55.50   | 69 | 82.2   | 34 |
| WL03- T56N                               | 56 @ 200MHz  | 38              |                | 1.90         | 0.310          | 600              | 62.50   | 56 | 97     | 26 |
| WL03- T62N                               | 62 @ 200MHz  | 37              |                | 1.80         | 0.340          | 600              | 68.00   | 40 | 110    | 10 |
| WL03- T68N                               | 68 @ 200MHz  | 37              |                | 1.70         | 0.340          | 600              | 80.50   | 54 | 168    | 21 |
| WL03- T72N                               | 72 @ 150MHz  | 34              |                | 1.70         | 0.490          | 400              | 82.00   | 53 | 135    | 20 |
| WL03- T82N                               | 82 @ 150MHz  | 34              |                | 1.70         | 0.540          | 400              | 96.20   | 54 | 177    | 21 |
| WL03- T91N                               | 91 @ 150MHz  | 30              |                | 1.70         | 0.500          | 400              | 110.00  | 50 | 416.4  | 6  |

### Electrical Specification – WL03 Standard

| Type / Code | L<br>(nH)    | Q Factor<br>Min | Tolerance<br>(%) | SRF<br>(GHz) | DCR (Ω)<br>Max | I DC<br>(mA) Max | 900 MHz |    | 1.7GHz |    |
|-------------|--------------|-----------------|------------------|--------------|----------------|------------------|---------|----|--------|----|
|             |              |                 |                  |              |                |                  | L       | Q  | L      | Q  |
| WL03- TR10  | 100 @ 150MHz | 34              | ±2%, ±5%, ±10%   | 1.40         | 0.580          | 400              | 124.00  | 49 | 319.5  | 13 |
| WL03- TR11  | 110 @ 150MHz | 32              |                  | 1.35         | 0.610          | 300              | 138.00  | 43 | 342.7  | 15 |
| WL03- TR12  | 120 @ 150MHz | 32              |                  | 1.30         | 0.650          | 300              | 166.00  | 39 | 529.3  | 8  |
| WL03- TR13  | 130 @ 150MHz | 30              |                  | 1.40         | 0.720          | 300              | 185.00  | 60 | -      | -  |
| WL03- TR14  | 140 @ 100MHz | 28              |                  | 1.30         | 0.870          | 280              | 190.00  | 80 | -      | -  |
| WL03- TR15  | 150 @ 100MHz | 32              |                  | 1.30         | 0.950          | 280              | 230.00  | 25 | -      | -  |
| WL03- TR16  | 160 @ 100MHz | 25              |                  | 1.30         | 1.400          | 280              | 215.00  | 20 | -      | -  |
| WL03- TR18  | 180 @ 100MHz | 25              |                  | 1.25         | 1.400          | 250              | 305.00  | 22 | -      | -  |
| WL03- TR22  | 220 @ 100MHz | 25              |                  | 1.20         | 1.600          | 250              | 377.00  | 21 | -      | -  |
| WL03- TR26  | 260 @ 100MHz | 25              |                  | 1.00         | 2.000          | 200              | 469.00  | 21 | -      | -  |
| WL03- TR27  | 270 @ 100MHz | 25              |                  | 0.90         | 2.100          | 200              | 523.00  | 19 | -      | -  |
| WL03- TR28  | 280 @ 100MHz | 25              |                  | 1.00         | 2.400          | 100              | 524.00  | 18 | -      | -  |
| WL03- TR30  | 300 @ 100MHz | 25              |                  | 0.75         | 2.500          | 150              | 539.70  | 21 | -      | -  |
| WL03- TR33  | 330 @ 100MHz | 25              |                  | 0.90         | 3.800          | 100              | 680.40  | 20 | -      | -  |
| WL03- TR39  | 390 @ 100MHz | 25              |                  | 0.90         | 4.350          | 100              | 734.50  | 29 | -      | -  |
| WL03- TR47  | 470 @ 100MHz | 23              |                  | 0.60         | 3.600          | 80               | -       | -  | -      | -  |

### Electrical Specification – WL05 Standard

| Type / Code | L<br>(nH)    | Q Factor<br>Min | Tolerance<br>(%) | SRF<br>(GHz) | DCR (Ω)<br>Max | I DC<br>(mA) Max |
|-------------|--------------|-----------------|------------------|--------------|----------------|------------------|
| WL05- T2N7  | 2.7 @ 250MHz | 80 @ 1500MHz    | ±5%, ±10%        | 7.900        | 0.06           | 800              |
| WL05- T2N8  | 2.8 @ 250MHz | 80 @ 1500MHz    |                  | 7.900        | 0.06           | 800              |
| WL05- T3N0  | 3 @ 250MHz   | 65 @ 1500MHz    |                  | 7.900        | 0.06           | 800              |
| WL05- T3N3  | 3.3 @ 250MHz | 50 @ 1500MHz    |                  | 6.000        | 0.08           | 600              |
| WL05- T5N6  | 5.6 @ 250MHz | 65 @ 1000MHz    |                  | 5.500        | 0.08           | 600              |
| WL05- T6N2  | 6.2 @ 250MHz | 50 @ 1000MHz    |                  | 5.500        | 0.11           | 600              |
| WL05- T6N8  | 6.8 @ 250MHz | 50 @ 1000MHz    |                  | 5.500        | 0.11           | 600              |
| WL05- T7N5  | 7.5 @ 250MHz | 50 @ 1000MHz    |                  | 4.500        | 0.14           | 600              |
| WL05- T8N2  | 8.2 @ 250MHz | 50 @ 1000MHz    |                  | 4.700        | 0.12           | 600              |
| WL05- T8N7  | 8.7 @ 250MHz | 50 @ 1000MHz    |                  | 3.900        | 0.21           | 400              |
| WL05- T10N  | 10 @ 250MHz  | 60 @ 500MHz     | ±2%, ±5%, ±10%   | 4.200        | 0.10           | 600              |
| WL05- T12N  | 12 @ 250MHz  | 50 @ 500MHz     |                  | 4.000        | 0.15           | 600              |
| WL05- T15N  | 15 @ 250MHz  | 50 @ 500MHz     |                  | 3.400        | 0.17           | 600              |
| WL05- T18N  | 18 @ 250MHz  | 50 @ 500MHz     |                  | 3.300        | 0.20           | 600              |
| WL05- T22N  | 22 @ 250MHz  | 55 @ 500MHz     |                  | 2.600        | 0.22           | 500              |
| WL05- T24N  | 24 @ 250MHz  | 50 @ 500MHz     |                  | 2.000        | 0.22           | 500              |
| WL05- T27N  | 27 @ 250MHz  | 55 @ 500MHz     |                  | 2.500        | 0.25           | 500              |
| WL05- T33N  | 33 @ 250MHz  | 60 @ 500MHz     |                  | 2.050        | 0.27           | 500              |
| WL05- T36N  | 36 @ 250MHz  | 55 @ 500MHz     |                  | 1.700        | 0.27           | 500              |
| WL05- T39N  | 39 @ 250MHz  | 60 @ 500MHz     |                  | 2.000        | 0.29           | 500              |
| WL05- T43N  | 43 @ 200MHz  | 60 @ 500MHz     |                  | 1.650        | 0.34           | 500              |
| WL05- T47N  | 47 @ 200MHz  | 60 @ 500MHz     |                  | 1.650        | 0.31           | 500              |
| WL05- T56N  | 56 @ 200MHz  | 60 @ 500MHz     |                  | 1.550        | 0.34           | 500              |
| WL05- T68N  | 68 @ 200MHz  | 60 @ 500MHz     |                  | 1.450        | 0.38           | 500              |
| WL05- T72N  | 72 @ 150MHz  | 65 @ 500MHz     |                  | 1.400        | 0.40           | 500              |
| WL05- T82N  | 82 @ 150MHz  | 65 @ 500MHz     |                  | 1.300        | 0.42           | 400              |
| WL05- T91N  | 91 @ 150MHz  | 65 @ 500MHz     |                  | 1.200        | 0.48           | 400              |

### Electrical Specifications – WL05 Standard

| Type / Code | L<br>(nH)     | Q Factor<br>Min | Tolerance<br>(%) | SRF<br>(GHz) | DCR (Ω)<br>Max | I DC<br>(mA) Max |
|-------------|---------------|-----------------|------------------|--------------|----------------|------------------|
| WL05- TR10  | 100 @ 150MHz  | 65 @ 500MHz     | ±2%, ±5%, ±10%   | 1.200        | 0.46           | 400              |
| WL05- TR11  | 110 @ 150MHz  | 50 @ 250MHz     |                  | 1.000        | 0.48           | 400              |
| WL05- TR12  | 120 @ 150MHz  | 50 @ 250MHz     |                  | 1.100        | 0.51           | 400              |
| WL05- TR15  | 150 @ 100MHz  | 50 @ 250MHz     |                  | 0.920        | 0.56           | 400              |
| WL05- TR18  | 180 @ 100MHz  | 50 @ 250MHz     |                  | 0.870        | 0.64           | 400              |
| WL05- TR20  | 200 @ 100MHz  | 50 @ 250MHz     |                  | 0.860        | 0.66           | 400              |
| WL05- TR22  | 220 @ 100MHz  | 50 @ 250MHz     |                  | 0.850        | 0.70           | 400              |
| WL05- TR24  | 240 @ 100MHz  | 44 @ 250MHz     |                  | 0.690        | 1.00           | 350              |
| WL05- TR25  | 250 @ 100MHz  | 45 @ 250MHz     |                  | 0.680        | 1.00           | 350              |
| WL05- TR27  | 270 @ 100MHz  | 48 @ 250MHz     |                  | 0.650        | 1.00           | 350              |
| WL05- TR30  | 300 @ 100MHz  | 48 @ 250MHz     |                  | 0.620        | 1.20           | 330              |
| WL05- TR33  | 330 @ 100MHz  | 48 @ 250MHz     |                  | 0.600        | 1.40           | 310              |
| WL05- TR36  | 360 @ 100MHz  | 48 @ 250MHz     |                  | 0.580        | 1.45           | 300              |
| WL05- TR39  | 390 @ 100MHz  | 48 @ 250MHz     |                  | 0.560        | 1.50           | 290              |
| WL05- TR43  | 430 @ 50MHz   | 33 @ 100MHz     |                  | 0.430        | 1.70           | 230              |
| WL05- TR47  | 470 @ 50MHz   | 33 @ 100MHz     |                  | 0.375        | 1.70           | 220              |
| WL05- TR56  | 560 @ 25MHz   | 23 @ 50MHz      |                  | 0.340        | 1.90           | 210              |
| WL05- TR60  | 600 @ 25MHz   | 23 @ 50MHz      |                  | 0.260        | 1.60           | 450              |
| WL05- TR62  | 620 @ 25MHz   | 23 @ 50MHz      |                  | 0.220        | 2.20           | 210              |
| WL05- TR68  | 680 @ 25MHz   | 23 @ 50MHz      |                  | 0.200        | 2.20           | 190              |
| WL05- TR75  | 750 @ 25MHz   | 23 @ 50MHz      |                  | 0.200        | 2.30           | 180              |
| WL05- TR82  | 820 @ 25MHz   | 23 @ 50MHz      |                  | 0.200        | 2.35           | 180              |
| WL05- T1R0  | 1000 @ 25MHz  | 20 @ 50MHz      |                  | 0.100        | 2.50           | 170              |
| WL05- T1R2  | 1200 @ 7.9MHz | 18 @ 25MHz      |                  | 0.100        | 2.50           | 170              |
| WL05- T1R5  | 1500 @ 7.9MHz | 16 @ 25MHz      |                  | 0.100        | 2.50           | 170              |
| WL05- T1R8  | 1800 @ 7.9MHz | 16 @ 7.9MHz     |                  | 0.080        | 2.50           | 170              |
| WL05- T2R2  | 2200 @ 7.9MHz | 16 @ 7.9MHz     |                  | 0.060        | 2.70           | 160              |
| WL05- T2R7  | 2700 @ 7.9MHz | 16 @ 7.9MHz     |                  | 0.050        | 2.95           | 150              |
| WL05- T3R3  | 3300 @ 7.9MHz | 15 @ 7.9MHz     |                  | 0.040        | 4.40           | 90               |
| WL05- T4R7  | 4700 @ 7.9MHz | 15 @ 7.9MHz     |                  | 0.040        | 6.40           | 90               |

**Electrical Specification – WL08 Standard**

| Type / Code | L<br>(nH)      | Q Factor<br>Min | Tolerance<br>(%) | SRF<br>(GHz) | DCR (Ω)<br>Max | I DC (mA)<br>Max |
|-------------|----------------|-----------------|------------------|--------------|----------------|------------------|
| WL08- T4N7  | 4.7 @ 50MHz    | 50 @ 1500MHz    | ±5%, ±10%        | 4.000        | 0.15           | 1000             |
| WL08- T5N6  | 5.6 @ 50MHz    | 50 @ 1500MHz    |                  | 4.000        | 0.15           | 1000             |
| WL08- T10N  | 10 @ 50MHz     | 50 @ 1500MHz    |                  | 4.100        | 0.08           | 1000             |
| WL08- T12N  | 12 @ 50MHz     | 50 @ 1500MHz    |                  | 3.300        | 0.09           | 1000             |
| WL08- T15N  | 15 @ 50MHz     | 50 @ 1500MHz    |                  | 2.500        | 0.11           | 1000             |
| WL08- T18N  | 18 @ 50MHz     | 50 @ 350MHz     |                  | 2.400        | 0.12           | 1000             |
| WL08- T22N  | 22 @ 50MHz     | 55 @ 350MHz     |                  | 2.400        | 0.12           | 1000             |
| WL08- T24N  | 24 @ 50MHz     | 55 @ 350MHz     |                  | 1.900        | 0.12           | 1000             |
| WL08- T27N  | 27 @ 50MHz     | 55 @ 350MHz     |                  | 1.600        | 0.13           | 1000             |
| WL08- T33N  | 33 @ 50MHz     | 60 @ 350MHz     |                  | 1.600        | 0.14           | 1000             |
| WL08- T36N  | 36 @ 50MHz     | 60 @ 350MHz     |                  | 1.600        | 0.15           | 1000             |
| WL08- T39N  | 39 @ 50MHz     | 60 @ 350MHz     |                  | 1.500        | 0.15           | 1000             |
| WL08- T47N  | 47 @ 50MHz     | 65 @ 350MHz     |                  | 1.500        | 0.16           | 1000             |
| WL08- T56N  | 56 @ 50MHz     | 65 @ 350MHz     |                  | 1.300        | 0.18           | 1000             |
| WL08- T62N  | 62 @ 50MHz     | 65 @ 350MHz     |                  | 1.250        | 0.20           | 1000             |
| WL08- T68N  | 68 @ 50MHz     | 65 @ 350MHz     |                  | 1.300        | 0.20           | 1000             |
| WL08- T75N  | 75 @ 50MHz     | 60 @ 350MHz     |                  | 1.100        | 0.21           | 1000             |
| WL08- T82N  | 82 @ 50MHz     | 60 @ 350MHz     |                  | 1.000        | 0.22           | 1000             |
| WL08- TR10  | 100 @ 25MHz    | 60 @ 350MHz     |                  | 1.000        | 0.56           | 650              |
| WL08- TR12  | 120 @ 25MHz    | 60 @ 350MHz     |                  | 0.950        | 0.63           | 650              |
| WL08- TR15  | 150 @ 25MHz    | 45 @ 100MHz     | ±2%, ±5%, ±10%   | 0.850        | 0.70           | 580              |
| WL08- TR18  | 180 @ 25MHz    | 45 @ 100MHz     |                  | 0.750        | 0.77           | 620              |
| WL08- TR22  | 220 @ 25MHz    | 45 @ 100MHz     |                  | 0.700        | 0.84           | 500              |
| WL08- TR24  | 240 @ 25MHz    | 45 @ 100MHz     |                  | 0.650        | 0.88           | 500              |
| WL08- TR27  | 270 @ 25MHz    | 45 @ 100MHz     |                  | 0.600        | 0.91           | 500              |
| WL08- TR30  | 300 @ 25MHz    | 45 @ 100MHz     |                  | 0.585        | 1.00           | 450              |
| WL08- TR33  | 330 @ 150MHz   | 45 @ 100MHz     |                  | 0.570        | 1.05           | 450              |
| WL08- TR36  | 360 @ 150MHz   | 45 @ 100MHz     |                  | 0.530        | 1.10           | 470              |
| WL08- TR39  | 390 @ 150MHz   | 45 @ 100MHz     |                  | 0.500        | 1.12           | 470              |
| WL08- TR43  | 430 @ 150MHz   | 45 @ 100MHz     |                  | 0.480        | 1.15           | 470              |
| WL08- TR47  | 470 @ 150MHz   | 45 @ 100MHz     |                  | 0.450        | 1.19           | 470              |
| WL08- TR56  | 560 @ 100MHz   | 45 @ 100MHz     |                  | 0.415        | 1.33           | 400              |
| WL08- TR62  | 620 @ 100MHz   | 45 @ 100MHz     |                  | 0.375        | 1.40           | 300              |
| WL08- TR68  | 680 @ 100MHz   | 45 @ 100MHz     |                  | 0.375        | 1.47           | 400              |
| WL08- TR75  | 750 @ 100MHz   | 45 @ 100MHz     |                  | 0.360        | 1.54           | 360              |
| WL08- TR82  | 820 @ 100MHz   | 45 @ 100MHz     |                  | 0.350        | 1.61           | 400              |
| WL08- TR91  | 910 @ 100MHz   | 35 @ 50MHz      |                  | 0.320        | 1.68           | 380              |
| WL08- T1R0  | 1000 @ 100MHz  | 35 @ 50MHz      |                  | 0.290        | 1.75           | 370              |
| WL08- T1R2  | 1200 @ 100MHz  | 35 @ 50MHz      |                  | 0.250        | 2.00           | 310              |
| WL08- T1R5  | 1500 @ 100MHz  | 28 @ 50MHz      |                  | 0.200        | 2.30           | 330              |
| WL08- T1R8  | 1800 @ 100MHz  | 28 @ 50MHz      |                  | 0.160        | 2.60           | 300              |
| WL08- T2R2  | 2200 @ 100MHz  | 28 @ 50MHz      |                  | 0.160        | 2.80           | 280              |
| WL08- T2R7  | 2700 @ 50MHz   | 22 @ 25MHz      |                  | 0.140        | 3.20           | 290              |
| WL08- T3R3  | 3300 @ 50MHz   | 22 @ 25MHz      |                  | 0.110        | 3.40           | 290              |
| WL08- T3R9  | 3900 @ 25MHz   | 20 @ 25MHz      |                  | 0.100        | 3.60           | 260              |
| WL08- T4R7  | 4700 @ 25MHz   | 18 @ 25MHz      |                  | 0.090        | 4.00           | 260              |
| WL08- T5R6  | 5600 @ 25MHz   | 16 @ 7.96MHz    |                  | 0.020        | 4.00           | 240              |
| WL08- T6R8  | 6800 @ 25MHz   | 15 @ 7.96MHz    |                  | 0.040        | 4.90           | 200              |
| WL08- T8R2  | 8200 @ 25MHz   | 15 @ 7.96MHz    |                  | 0.025        | 6.00           | 170              |
| WL08- T103  | 10000 @ 25MHz  | 15 @ 7.96MHz    |                  | 0.020        | 9.00           | 150              |
| WL08- T123  | 12000 @ 25MHz  | 15 @ 7.96MHz    |                  | 0.018        | 10.50          | 130              |
| WL08- T153  | 15000 @ 7.9MHz | 15 @ 7.96MHz    |                  | 0.015        | 11.50          | 120              |

### Electrical Specification – WL06 Standard

| Type / Code | L<br>(nH)    | Q Factor<br>Min | Tolerance<br>(%) | SRF<br>(GHz) | DCR (Ω)<br>Max | I DC<br>(mA) Max |
|-------------|--------------|-----------------|------------------|--------------|----------------|------------------|
| WL06- T6N8  | 6.8 @ 100MHz | 30 @ 300MHz     | ±5%, ±10%        | 5.50         | 0.07           | 1000             |
| WL06- T10N  | 10 @ 100MHz  | 40 @ 300MHz     |                  | 4.00         | 0.08           | 1000             |
| WL06- T12N  | 12 @ 100MHz  | 40 @ 300MHz     |                  | 3.20         | 0.08           | 1000             |
| WL06- T15N  | 15 @ 100MHz  | 40 @ 300MHz     |                  | 3.20         | 0.10           | 1000             |
| WL06- T18N  | 18 @ 100MHz  | 50 @ 300MHz     |                  | 2.80         | 0.10           | 1000             |
| WL06- T22N  | 22 @ 100MHz  | 50 @ 300MHz     |                  | 2.20         | 0.10           | 1000             |
| WL06- T24N  | 24 @ 100MHz  | 50 @ 300MHz     |                  | 2.00         | 0.10           | 1000             |
| WL06- T27N  | 27 @ 100MHz  | 50 @ 300MHz     | ±2%, ±5%, ±10%   | 1.80         | 0.11           | 1000             |
| WL06- T33N  | 33 @ 100MHz  | 55 @ 300MHz     |                  | 1.80         | 0.11           | 1000             |
| WL06- T39N  | 39 @ 100MHz  | 55 @ 300MHz     |                  | 1.80         | 0.12           | 1000             |
| WL06- T47N  | 47 @ 100MHz  | 55 @ 300MHz     |                  | 1.50         | 0.13           | 1000             |
| WL06- T56N  | 56 @ 100MHz  | 55 @ 300MHz     |                  | 1.45         | 0.14           | 1000             |
| WL06- T62N  | 62 @ 100MHz  | 55 @ 300MHz     |                  | 1.20         | 0.20           | 1000             |
| WL06- T68N  | 68 @ 100MHz  | 55 @ 300MHz     |                  | 1.20         | 0.26           | 950              |
| WL06- T82N  | 82 @ 100MHz  | 55 @ 300MHz     |                  | 1.20         | 0.21           | 920              |
| WL06- T91N  | 91 @ 100MHz  | 55 @ 300MHz     |                  | 1.10         | 0.24           | 900              |
| WL06- TR10  | 100 @ 100MHz | 55 @ 300MHz     |                  | 1.10         | 0.26           | 850              |
| WL06- TR12  | 120 @ 100MHz | 55 @ 300MHz     |                  | 0.75         | 0.26           | 800              |
| WL06- TR15  | 150 @ 100MHz | 60 @ 300MHz     |                  | 0.95         | 0.31           | 750              |
| WL06- TR18  | 180 @ 50MHz  | 55 @ 300MHz     |                  | 0.90         | 0.43           | 700              |
| WL06- TR22  | 220 @ 50MHz  | 55 @ 300MHz     |                  | 0.76         | 0.50           | 670              |
| WL06- TR27  | 270 @ 50MHz  | 55 @ 300MHz     |                  | 0.74         | 0.56           | 630              |
| WL06- TR30  | 300 @ 50MHz  | 50 @ 150MHz     |                  | 0.68         | 0.60           | 600              |
| WL06- TR33  | 330 @ 50MHz  | 45 @ 150MHz     |                  | 0.65         | 0.62           | 590              |
| WL06- TR36  | 360 @ 50MHz  | 45 @ 150MHz     |                  | 0.60         | 0.65           | 550              |
| WL06- TR39  | 390 @ 50MHz  | 45 @ 150MHz     |                  | 0.60         | 0.75           | 530              |
| WL06- TR47  | 470 @ 50MHz  | 45 @ 150MHz     |                  | 0.55         | 1.30           | 490              |
| WL06- TR56  | 560 @ 35MHz  | 45 @ 150MHz     |                  | 0.47         | 1.34           | 460              |
| WL06- TR62  | 620 @ 35MHz  | 45 @ 150MHz     |                  | 0.47         | 1.58           | 460              |
| WL06- TR68  | 680 @ 35MHz  | 45 @ 150MHz     |                  | 0.45         | 1.58           | 430              |
| WL06- TR75  | 750 @ 35MHz  | 45 @ 150MHz     |                  | 0.44         | 2.25           | 320              |
| WL06- TR82  | 820 @ 35MHz  | 45 @ 150MHz     |                  | 0.42         | 1.82           | 400              |
| WL06- TR91  | 910 @ 35MHz  | 45 @ 150MHz     |                  | 0.41         | 2.95           | 310              |
| WL06- T1R0  | 1000 @ 35MHz | 45 @ 150MHz     |                  | 0.40         | 2.80           | 320              |
| WL06- T1R2  | 1200 @ 35MHz | 45 @ 150MHz     |                  | 0.38         | 3.20           | 300              |

### Electrical Specification – WL03 High Current

| Type / Code | L<br>(nH)    | Q Factor<br>Min | Tolerance<br>(%) | SRF<br>(GHz) | DCR (Ω)<br>Max | I DC<br>(mA) Max |
|-------------|--------------|-----------------|------------------|--------------|----------------|------------------|
| WL03- TH1N6 | 1.6 @ 250MHz | 24 @ 250MHz     | ±5%, ±10%        | 12.50        | 0.030          | 2400             |
| WL03- TH3N6 | 3.6 @ 250MHz | 24 @ 250MHz     |                  | 5.90         | 0.048          | 2300             |
| WL03- TH3N9 | 3.9 @ 250MHz | 25 @ 250MHz     |                  | 5.90         | 0.054          | 2200             |
| WL03- TH6N8 | 6.8 @ 250MHz | 35 @ 250MHz     |                  | 5.80         | 0.054          | 2100             |
| WL03- TH7N5 | 7.5 @ 250MHz | 35 @ 250MHz     |                  | 3.70         | 0.059          | 2100             |
| WL03- TH8N2 | 8.2 @ 250MHz | 38 @ 250MHz     |                  | 3.70         | 0.060          | 2000             |
| WL03- TH10N | 10 @ 250MHz  | 38 @ 250MHz     | ±2%, ±5%, ±10%   | 3.70         | 0.071          | 2000             |
| WL03- TH12N | 12 @ 250MHz  | 38 @ 250MHz     |                  | 3.00         | 0.075          | 2000             |
| WL03- TH15N | 15 @ 250MHz  | 38 @ 250MHz     |                  | 2.80         | 0.080          | 1900             |
| WL03- TH18N | 18 @ 250MHz  | 40 @ 250MHz     |                  | 2.80         | 0.099          | 1900             |
| WL03- TH22N | 22 @ 250MHz  | 42 @ 250MHz     |                  | 2.40         | 0.099          | 1800             |
| WL03- TH24N | 24 @ 250MHz  | 42 @ 250MHz     |                  | 2.40         | 0.105          | 1800             |

### Electrical Specification – WL05 High Q

| Type / Code | L<br>(nH)     | Q Factor<br>Min | Tolerance<br>(%) | SRF<br>(GHz) | DCR (Ω)<br>Max | I DC<br>(mA) Max |
|-------------|---------------|-----------------|------------------|--------------|----------------|------------------|
| WL05- TH2N5 | 2.5 @ 250MHz  | 80 @ 1500MHz    | ±5%, ±10%        | 6.00         | 0.020          | 1600             |
| WL05- TH5N6 | 5.6 @ 250MHz  | 98 @ 1500MHz    |                  | 6.00         | 0.035          | 1600             |
| WL05- TH6N2 | 6.2 @ 250MHz  | 88 @ 1000MHz    |                  | 4.75         | 0.035          | 1600             |
| WL05- TH6N8 | 6.8 @ 250MHz  | 80 @ 1000MHz    |                  | 4.40         | 0.035          | 1600             |
| WL05- TH8N2 | 8.2 @ 250MHz  | 75 @ 1000MHz    |                  | 3.00         | 0.075          | 1000             |
| WL05- TH10N | 10.0 @ 250MHz | 80 @ 1000MHz    |                  | 3.00         | 0.060          | 1600             |
| WL05- TH12N | 12.0 @ 250MHz | 80 @ 1000MHz    |                  | 3.00         | 0.045          | 1600             |
| WL05- TH15N | 15.0 @ 250MHz | 80 @ 1000MHz    | ±2%, ±5%, ±10%   | 2.80         | 0.100          | 1200             |
| WL05- TH16N | 16.0 @ 250MHz | 72 @ 500MHz     |                  | 2.95         | 0.060          | 1500             |
| WL05- TH18N | 18.0 @ 250MHz | 75 @ 500MHz     |                  | 2.55         | 0.060          | 1400             |
| WL05- TH20N | 20.0 @ 250MHz | 70 @ 500MHz     |                  | 2.05         | 0.055          | 1400             |
| WL05- TH22N | 22.0 @ 250MHz | 80 @ 500MHz     |                  | 2.00         | 0.100          | 1200             |
| WL05- TH27N | 27.0 @ 250MHz | 75 @ 500MHz     |                  | 2.00         | 0.070          | 1300             |
| WL05- TH30N | 30.0 @ 250MHz | 65 @ 500MHz     |                  | 1.95         | 0.095          | 1200             |
| WL05- TH39N | 39.0 @ 250MHz | 65 @ 500MHz     |                  | 1.60         | 0.110          | 1100             |
| WL05- TH48N | 48.0 @ 200MHz | 65 @ 500MHz     |                  | 1.40         | 0.095          | 1200             |
| WL05- TH51N | 51.0 @ 200MHz | 65 @ 500MHz     |                  | 1.40         | 0.120          | 1000             |

### Electrical Specification – WL08 High Q

| Type / Code | L<br>(nH)   | Q Factor<br>Min | Tolerance<br>(%) | SRF<br>(GHz) | DCR (Ω)<br>Max | I DC<br>(mA) Max |
|-------------|-------------|-----------------|------------------|--------------|----------------|------------------|
| WL08- TH3N0 | 3 @ 50MHz   | 70 @ 1500MHz    | ±5%, ±10%        | 6.00         | 0.04           | 1600             |
| WL08- TH3N9 | 3.9 @ 50MHz | 75 @ 1500MHz    |                  | 6.00         | 0.05           | 1600             |
| WL08- TH4N1 | 4.1 @ 50MHz | 75 @ 1500MHz    |                  | 6.00         | 0.05           | 1600             |
| WL08- TH7N8 | 7.8 @ 50MHz | 75 @ 500MHz     |                  | 3.80         | 0.05           | 1600             |
| WL08- TH10N | 10 @ 50MHz  | 60 @ 500MHz     | ±2%, ±5%, ±10%   | 3.60         | 0.06           | 1600             |
| WL08- TH12N | 12 @ 50MHz  | 70 @ 350MHz     |                  | 2.80         | 0.06           | 1500             |
| WL08- TH18N | 18 @ 50MHz  | 62 @ 350MHz     |                  | 2.70         | 0.07           | 1400             |
| WL08- TH22N | 22 @ 50MHz  | 62 @ 350MHz     |                  | 2.05         | 0.07           | 1400             |
| WL08- TH33N | 33 @ 50MHz  | 75 @ 350MHz     |                  | 1.70         | 0.09           | 1300             |
| WL08- TH39N | 39 @ 50MHz  | 75 @ 350MHz     |                  | 1.30         | 0.09           | 1300             |
| WL08- TH47N | 47 @ 50MHz  | 75 @ 350MHz     |                  | 1.45         | 0.12           | 1200             |
| WL08- TH56N | 56 @ 50MHz  | 75 @ 350MHz     |                  | 1.23         | 0.12           | 1200             |
| WL08- TH68N | 68 @ 50MHz  | 80 @ 350MHz     |                  | 1.15         | 0.13           | 1100             |
| WL08- TH82N | 82 @ 50MHz  | 80 @ 350MHz     |                  | 1.06         | 0.16           | 1100             |
| WL08- THR10 | 100 @ 50MHz | 52 @ 350MHz     |                  | 0.82         | 0.16           | 1000             |