

# Wirewound Chip Inductors

S-parameters & PSPICE models  
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Coilcraft chip inductors cover the range from 1.0 nH to 1,000 µH. Our ceramic series (CS, HS, HQ, HT and CT) offer exceptionally high SRFs, high Q and tight tolerances. For the lowest possible height, use the HT and CT Series.

Most parts are available with inductance tolerances as low as 1% at only a small premium. Coilcraft offers several **Designer's Kits** that contain samples for prototyping. See page 19 or order on-line at <http://order.coilcraft.com>.

## 0402CS (1005)

| Part number     | Inductance (nH) | Percent tolmece.* | Q min | SRF min (MHz) | DCR max (Ohms) | IDC max (mA) | 1.7 GHz L typ | 1.7 GHz Q typ |
|-----------------|-----------------|-------------------|-------|---------------|----------------|--------------|---------------|---------------|
| 0402CS-1N0X_BG  | 1.0 @ 250 MHz   | 10                | 16    | >6000         | 0.045          | 1360         | 1.02          | 69            |
| 0402CS-2N0X_BG  | 2.0 @ 250 MHz   | 10,5              | 16    | >6000         | 0.07           | 1040         | 1.93          | 75            |
| 0402CS-2N2X_BG  | 2.2 @ 250 MHz   | 10,5              | 19    | >6000         | 0.07           | 960          | 2.23          | 100           |
| 0402CS-3N3X_BG  | 3.3 @ 250 MHz   | 10,5              | 19    | 6000          | 0.066          | 840          | 3.12          | 87            |
| 0402CS-3N6X_BG  | 3.6 @ 250 MHz   | 10,5              | 19    | 6000          | 0.066          | 840          | 3.62          | 71            |
| 0402CS-3N9X_BG  | 3.9 @ 250 MHz   | 10,5              | 19    | 5800          | 0.066          | 840          | 4             | 75            |
| 0402CS-5N1X_BG  | 5.1 @ 250 MHz   | 10,5              | 20    | 5800          | 0.083          | 800          | 5.25          | 82            |
| 0402CS-5N6X_BG  | 5.6 @ 250 MHz   | 10,5              | 20    | 5800          | 0.083          | 760          | 5.28          | 81            |
| 0402CS-6N2X_BG  | 6.2 @ 250 MHz   | 10,5              | 20    | 5800          | 0.083          | 760          | 6.37          | 76            |
| 0402CS-7N5X_BG  | 7.5 @ 250 MHz   | 10,5              | 22    | 5800          | 0.104          | 680          | 8.22          | 88            |
| 0402CS-8N2X_BG  | 8.2 @ 250 MHz   | 10,5              | 22    | 4400          | 0.104          | 680          | 8.85          | 84            |
| 0402CS-9N0X_BG  | 9.0 @ 250 MHz   | 10,5              | 22    | 4160          | 0.104          | 681          | 9.53          | 78            |
| 0402CS-10N_X_BG | 10 @ 250 MHz    | 10,5              | 21    | 3900          | 0.195          | 480          | 10.1          | 67            |
| 0402CS-11N_X_BG | 11 @ 250 MHz    | 10,5              | 24    | 3680          | 0.12           | 640          | 11.2          | 78            |
| 0402CS-12N_X_BG | 12 @ 250 MHz    | 10,5              | 24    | 3600          | 0.12           | 640          | 12.7          | 71            |
| 0402CS-15N_X_BG | 15 @ 250 MHz    | 10,5              | 24    | 3280          | 0.172          | 560          | 15.1          | 77            |
| 0402CS-19N_X_BG | 19 @ 250 MHz    | 10,5              | 24    | 3040          | 0.202          | 480          | 21.1          | 67            |
| 0402CS-23N_X_BG | 23 @ 250 MHz    | 10,5              | 24    | 2720          | 0.214          | 400          | 26.9          | 64            |
| 0402CS-27N_X_BG | 27 @ 250 MHz    | 10,5              | 24    | 2480          | 0.298          | 400          | 33.5          | 63            |
| 0402CS-36N_X_BG | 36 @ 250 MHz    | 10,5              | 24    | 2320          | 0.403          | 320          | 48.4          | 53            |
| 0402CS-40N_X_BG | 40 @ 250 MHz    | 10,5              | 24    | 2240          | 0.438          | 320          | 47.4          | 33            |
| 0402CS-47N_X_BG | 47 @ 250 MHz    | 10,5              | 20    | 2100          | 0.830          | 150          | -             | -             |

## 0603CS (1608)

| Part number     | Inductance (nH) | Percent tolmece.* | Q min | SRF min (MHz) | DCR max (Ohms) | IDC max (mA) | 1.7 GHz L typ | 1.7 GHz Q typ |
|-----------------|-----------------|-------------------|-------|---------------|----------------|--------------|---------------|---------------|
| 0603CS-1N6X_BG  | 1.6 @ 250 MHz   | 10,5              | 24    | 12500         | 0.030          | 700          | 1.65          | 63            |
| 0603CS-1N8X_BG  | 1.8 @ 250 MHz   | 10,5              | 16    | 12500         | 0.045          | 700          | 1.66          | 50            |
| 0603CS-3N6X_BG  | 3.6 @ 250 MHz   | 10,5              | 22    | 5900          | 0.063          | 700          | 3.71          | 65            |
| 0603CS-3N9X_BG  | 3.9 @ 250 MHz   | 10,5              | 22    | 6900          | 0.080          | 700          | 3.96          | 67            |
| 0603CS-4N3X_BG  | 4.3 @ 250 MHz   | 10,5              | 22    | 5900          | 0.063          | 700          | 4.33          | 70            |
| 0603CS-4N7X_BG  | 4.7 @ 250 MHz   | 10,5              | 20    | 5800          | 0.116          | 700          | 4.75          | 57            |
| 0603CS-5N1X_BG  | 5.1 @ 250 MHz   | 10,5              | 20    | 5700          | 0.140          | 700          | 4.95          | 56            |
| 0603CS-6N8X_BG  | 6.8 @ 250 MHz   | 10,5,2            | 27    | 5800          | 0.110          | 700          | 7.10          | 81            |
| 0603CS-7N5X_BG  | 7.5 @ 250 MHz   | 10,5,2            | 28    | 4800          | 0.106          | 700          | 7.82          | 65            |
| 0603CS-8N7X_BG  | 8.7 @ 250 MHz   | 5,2               | 28    | 4600          | 0.109          | 700          | 9.32          | 58            |
| 0603CS-9N5X_BG  | 9.5 @ 250 MHz   | 5,2               | 28    | 5400          | 0.135          | 700          | 9.92          | 61            |
| 0603CS-10N_X_BG | 10 @ 250 MHz    | 5,2               | 31    | 4800          | 0.130          | 700          | 10.6          | 83            |
| 0603CS-11N_X_BG | 11 @ 250 MHz    | 5,2               | 33    | 4000          | 0.086          | 700          | 11.5          | 56            |
| 0603CS-12N_X_BG | 12 @ 250 MHz    | 5,2               | 35    | 4000          | 0.130          | 700          | 13.5          | 83            |
| 0603CS-15N_X_BG | 15 @ 250 MHz    | 5,2               | 35    | 4000          | 0.170          | 700          | 16.8          | 89            |
| 0603CS-16N_X_BG | 16 @ 250 MHz    | 5,2               | 34    | 3300          | 0.104          | 700          | 17.3          | 52            |
| 0603CS-18N_X_BG | 18 @ 250 MHz    | 5,2               | 35    | 3100          | 0.170          | 700          | 21.4          | 69            |
| 0603CS-22N_X_BG | 22 @ 250 MHz    | 5,2               | 38    | 3000          | 0.190          | 700          | 26.1          | 71            |
| 0603CS-24N_X_BG | 24 @ 250 MHz    | 5,2               | 37    | 2650          | 0.135          | 700          | 28.7          | 39            |
| 0603CS-27N_X_BG | 27 @ 250 MHz    | 5,2               | 40    | 2800          | 0.220          | 600          | 34.6          | 65            |
| 0603CS-30N_X_BG | 30 @ 250 MHz    | 5,2               | 37    | 2250          | 0.144          | 600          | 39.9          | 28            |
| 0603CS-33N_X_BG | 33 @ 250 MHz    | 5,2               | 40    | 2300          | 0.220          | 600          | 49.5          | 42            |
| 0603CS-36N_X_BG | 36 @ 250 MHz    | 5,2               | 38    | 2080          | 0.250          | 600          | 52.7          | 24            |
| 0603CS-39N_X_BG | 39 @ 250 MHz    | 5,2               | 40    | 2200          | 0.250          | 600          | 60.2          | 40            |
| 0603CS-43N_X_BG | 43 @ 250 MHz    | 5,2               | 39    | 2000          | 0.280          | 600          | 64.9          | 21            |
| 0603CS-47N_X_BG | 47 @ 200 MHz    | 5,2               | 38    | 2000          | 0.280          | 600          | 77.2          | 35            |
| 0603CS-56N_X_BG | 56 @ 200 MHz    | 5,2               | 38    | 1900          | 0.310          | 600          | 97            | 26            |
| 0603CS-68N_X_BG | 68 @ 200 MHz    | 5,2               | 37    | 1700          | 0.340          | 600          | 168           | 21            |
| 0603CS-72N_X_BG | 72 @ 150 MHz    | 5,2               | 34    | 1700          | 0.490          | 400          | 135           | 20            |
| 0603CS-82N_X_BG | 82 @ 150 MHz    | 5,2               | 34    | 1700          | 0.540          | 400          | 177           | 21            |
| 0603CS-R10X_BG  | 100 @ 150 MHz   | 5,2               | 34    | 1400          | 0.580          | 400          | -             | -             |
| 0603CS-R11X_BG  | 110 @ 150 MHz   | 5,2               | 32    | 1350          | 0.610          | 300          | -             | -             |
| 0603CS-R12X_BG  | 120 @ 150 MHz   | 5,2               | 32    | 1300          | 0.650          | 300          | -             | -             |
| 0603CS-R15X_BG  | 150 @ 150 MHz   | 5,2               | 28    | 990           | 0.92           | 280          | -             | -             |
| 0603CS-R18X_BG  | 180 @ 100 MHz   | 5,2               | 25    | 990           | 1.25           | 240          | -             | -             |
| 0603CS-R22X_BG  | 220 @ 100 MHz   | 5,2               | 25    | 900           | 2.1            | 200          | -             | -             |
| 0603CS-R27X_BG  | 270 @ 100 MHz   | 5,2               | 24    | 900           | 2.3            | 170          | -             | -             |

## 0603HC (1608)

| Part number     | Inductance (nH) | Percent tolmece.* | Q min | SRF min (MHz) | DCR max (Ohms) | IDC max (A) | 1.7 GHz L typ | 1.7 GHz Q typ |
|-----------------|-----------------|-------------------|-------|---------------|----------------|-------------|---------------|---------------|
| 0603HC-1N6X_BW  | 1.6 @ 250 MHz   | 5                 | 24    | 12500         | 0.030          | 2.4         | 1.65          | 63            |
| 0603HC-3N6X_BW  | 3.6 @ 250 MHz   | 5                 | 24    | 5900          | 0.048          | 2.3         | 3.75          | 90            |
| 0603HC-3N9X_BW  | 3.9 @ 250 MHz   | 5                 | 25    | 5900          | 0.054          | 2.2         | 3.90          | 90            |
| 0603HC-6N8X_BW  | 6.8 @ 250 MHz   | 5                 | 35    | 5800          | 0.054          | 2.1         | 7.10          | 75            |
| 0603HC-7N5X_BW  | 7.5 @ 250 MHz   | 5                 | 38    | 3700          | 0.059          | 2.1         | 7.90          | 68            |
| 0603HC-10N_X_BW | 10 @ 250 MHz    | 5,2               | 38    | 3700          | 0.071          | 2.0         | 10.5          | 57            |
| 0603HC-12N_X_BW | 12 @ 250 MHz    | 5,2               | 38    | 3000          | 0.075          | 2.0         | 14.5          | 41            |
| 0603HC-15N_X_BW | 15 @ 250 MHz    | 5,2               | 38    | 2800          | 0.080          | 1.9         | 17.6          | 40            |
| 0603HC-18N_X_BW | 18 @ 250 MHz    | 5,2               | 40    | 2800          | 0.099          | 1.9         | 25.0          | 40            |
| 0603HC-22N_X_BW | 22 @ 250 MHz    | 5,2               | 42    | 2400          | 0.099          | 1.8         | 31.5          | 26            |
| 0603HC-24N_X_BW | 24 @ 250 MHz    | 5,2               | 42    | 2400          | 0.105          | 1.8         | 35.0          | 21            |

## 0805HQ (2012) High Q

| Part number     | Inductance (nH) | Percent tolerance* | Q min         | SRF min (GHz) | DCR max (Ohms) | IDC max (A) |
|-----------------|-----------------|--------------------|---------------|---------------|----------------|-------------|
| 0805HQ-2N5X_BC  | 2.5 @ 250 MHz   | 5                  | 80 @ 1500 MHz | >6.00         | 0.20           | 1.6         |
| 0805HQ-5N6X_BC  | 5.6 @ 250 MHz   | 5                  | 98 @ 1500 MHz | >6.00         | 0.35           | 1.6         |
| 0805HQ-6N2X_BC  | 6.2 @ 250 MHz   | 5                  | 88 @ 1000 MHz | 4.75          | 0.35           | 1.6         |
| 0805HQ-12N_X_BC | 12 @ 250 MHz    | 5                  | 80 @ 1000 MHz | 3.00          | 0.45           | 1.6         |
| 0805HQ-16N_X_BC | 16 @ 250 MHz    | 5,2                | 72 @ 500 MHz  | 2.95          | 0.60           | 1.5         |
| 0805HQ-18N_X_BC | 18 @ 250 MHz    | 5,2                | 75 @ 500 MHz  | 2.55          | 0.60           | 1.4         |
| 0805HQ-20N_X_BC | 20 @ 250 MHz    | 5,2                | 70 @ 500 MHz  | 2.05          | 0.65           | 1.4         |
| 0805HQ-27N_X_BC | 27 @ 250 MHz    | 5,2                | 75 @ 500 MHz  | 2.00          | 0.70           | 1.3         |
| 0805HQ-30N_X_BC | 30 @ 250 MHz    | 5,2                | 65 @ 500 MHz  | 1.95          | 0.95           | 1.2         |
| 0805HQ-39N_X_BC | 39 @ 250 MHz    | 5,2                | 65 @ 500 MHz  | 1.60          | 1.10           | 1.1         |
| 0805HQ-48N_X_BC | 48 @ 200 MHz    | 5,2                | 65 @ 500 MHz  | 1.40          | 0.95           | 1.2         |
| 0805HQ-51N_X_BC | 51 @ 200 MHz    | 5,2                | 65 @ 500 MHz  | 1.40          | 1.20           | 1.0         |

## 0805HT (2012) Low Profile

| Part number     | Inductance (nH) | Percent tolerance* | Q min         | SRF min (MHz) | DCR max (Ohms) | IDC max (mA) |
|-----------------|-----------------|--------------------|---------------|---------------|----------------|--------------|
| 0805HT-1N8T_BC  | 1.8 @ 250 MHz   | 10                 | 55 @ 1500 MHz | 9400          | 03             | 800          |
| 0805HT-3N9T_BC  | 3.9 @ 250 MHz   | 5                  | 50 @ 1000 MHz | 6100          | 055            | 800          |
| 0805HT-4N7T_BC  | 4.7 @ 250 MHz   | 5                  | 50 @ 1000 MHz | 5500          | 06             | 800          |
| 0805HT-6N8T_BC  | 6.8 @ 250 MHz   | 5                  | 50 @ 1000 MHz | 5500          | 08             | 800          |
| 0805HT-8N2T_BC  | 8.2 @ 250 MHz   | 5                  | 50 @ 1000 MHz | 4800          | 08             | 800          |
| 0805HT-10N_T_BC | 10 @ 250 MHz    | 5,2                | 55 @ 750 MHz  | 3300          | 08             | 800          |
| 0805HT-12N_T_BC | 12 @ 250 MHz    | 5,2                | 55 @ 750 MHz  | 3800          | 10             | 800          |
| 0805HT-15N_T_BC | 15 @ 250 MHz    | 5,2                | 50 @ 500 MHz  | 2950          | 10             | 800          |
| 0805HT-18N_T_BC | 18 @ 250 MHz    | 5,2                | 50 @ 500 MHz  | 3100          | 13             | 800          |
| 0805HT-22N_T_BC | 22 @ 250 MHz    | 5,2                | 50 @ 500 MHz  | 2900          | 15             | 800          |
| 0805HT-27N_T_BC | 27 @ 250 MHz    | 5,2                | 50 @ 500 MHz  | 2450          | 19             | 700          |
| 0805HT-33N_T_BC | 33 @ 250 MHz    | 5,2                | 55 @ 500 MHz  | 2350          | 19             | 600          |
| 0805HT-39N_T_BC | 39 @ 250 MHz    | 5,2,1              | 55 @ 500 MHz  | 2200          | 27             | 600          |
| 0805HT-47N_T_BC | 47 @ 200 MHz    | 5,2,1              | 50 @ 500 MHz  | 2000          | 30             | 600          |
| 0805HT-56N_T_BC | 56 @ 200 MHz    | 5,2,1              | 50 @ 500 MHz  | 1850          | 39             | 500          |
| 0805HT-68N_T_BC | 68 @ 200 MHz    | 5,2,1              | 50 @ 500 MHz  | 1500          | 40             | 500          |
| 0805HT-82N_T_BC | 82 @ 150 MHz    | 5,2,1              | 50 @ 500 MHz  | 1500          | 44             | 500          |
| 0805HT-R10T_BC  | 100 @ 150 MHz   | 5,2                | 50 @ 500 MHz  | 1200          | 64             | 400          |
| 0805HT-R12T_BC  | 120 @ 150 MHz   | 5,2                | 40 @ 250 MHz  | 1150          | 68             | 300          |
| 0805HT-R15T_BC  | 150 @ 150 MHz   | 5,2                | 40 @ 250 MHz  | 1050          | 80             | 300          |

## 0805CS (2012)

| Part number    | Inductance (nH) | Percent tolerance* | Q min         | SRF min (MHz) | DCR max (Ohms) | Idc max (mA) |
|----------------|-----------------|--------------------|---------------|---------------|----------------|--------------|
| 0805CS-020X_BC | 2.8 @ 250 MHz   | 5                  | 80 @ 1500 MHz | 7900          | 06             | 800          |
| 0805CS-3N0X_BC | 3.0 @ 250 MHz   | 5                  | 65 @ 1500 MHz | 7900          | 06             | 800          |
| 0805CS-030X_BC | 3.3 @ 250 MHz   | 5                  | 50 @ 1500 MHz | 7900          | 08             | 600          |
| 0805CS-050X_BC | 5.6 @ 250 MHz   | 5                  | 65 @ 1000 MHz | 5500          | 08             | 600          |
| 0805CS-060X_BC | 6.8 @ 250 MHz   | 5                  | 50 @ 1000 MHz | 5500          | 11             | 600          |
| 0805CS-070X_BC | 7.5 @ 250 MHz   | 5                  | 50 @ 1000 MHz | 4500          | 14             | 600          |
| 0805CS-080X_BC | 8.2 @ 250 MHz   | 5,2                | 50 @ 1000 MHz | 4700          | 12             | 600          |
| 0805CS-100X_BC | 10 @ 250 MHz    | 5,2                | 60 @ 500 MHz  | 4200          | 10             | 600          |
| 0805CS-120X_BC | 12 @ 250 MHz    | 5,2                | 50 @ 500 MHz  | 4000          | 15             | 600          |
| 0805CS-150X_BC | 15 @ 250 MHz    | 5,2                | 50 @ 500 MHz  | 3400          | 17             | 600          |
| 0805CS-180X_BC | 18 @ 250 MHz    | 5,2                | 50 @ 500 MHz  | 3300          | 20             | 600          |
| 0805CS-220X_BC | 22 @ 250 MHz    | 5,2                | 55 @ 500 MHz  | 2600          | 22             | 500          |
| 0805CS-240X_BC | 24 @ 250 MHz    | 5,2                | 50 @ 500 MHz  | 2000          | 22             | 500          |
| 0805CS-270X_BC | 27 @ 250 MHz    | 5,2                | 55 @ 500 MHz  | 2500          | 25             | 500          |
| 0805CS-330X_BC | 33 @ 250 MHz    | 5,2,1              | 60 @ 500 MHz  | 2050          | 27             | 500          |
| 0805CS-360X_BC | 36 @ 250 MHz    | 5,2,1              | 55 @ 500 MHz  | 1700          | 27             | 500          |
| 0805CS-390X_BC | 39 @ 250 MHz    | 5,2,1              | 60 @ 500 MHz  | 2000          | 29             | 500          |
| 0805CS-430X_BC | 43 @ 200 MHz    | 5,2,1              | 60 @ 500 MHz  | 1650          | 34             | 500          |
| 0805CS-470X_BC | 47 @ 200 MHz    | 5,2,1              | 60 @ 500 MHz  | 1650          | 31             | 500          |
| 0805CS-560X_BC | 56 @ 200 MHz    | 5,2,1              | 60 @ 500 MHz  | 1550          | 34             | 500          |
| 0805CS-680X_BC | 68 @ 200 MHz    | 5,2,1              | 60 @ 500 MHz  | 1450          | 38             | 500          |
| 0805CS-820X_BC | 82 @ 150 MHz    | 5,2,1              | 65 @ 500 MHz  | 1300          | 42             | 400          |
| 0805CS-910X_BC | 91 @ 150 MHz    | 5,2,1              | 65 @ 500 MHz  | 1200          | 48             | 400          |
| 0805CS-101X_BC | 100 @ 150 MHz   | 5,2,1              | 65 @ 500 MHz  | 120           |                |              |

## 1008HT (2520) Low Profile

| Part number     | Inductance (nH) | Percent tolerance* | Q min         | SRF min (MHz) | DCR max (Ohms) | IDC max (mA) |
|-----------------|-----------------|--------------------|---------------|---------------|----------------|--------------|
| 1008HT-3N3T_BC  | 3.3 @ 250 MHz   | 5                  | 65 @ 1500 MHz | 7900          | .025           | 1000         |
| 1008HT-6N8T_BC  | 6.8 @ 250 MHz   | 5                  | 70 @ 1500 MHz | 5500          | .05            | 1000         |
| 1008HT-7N2T_BC  | 7.2 @ 250 MHz   | 5                  | 70 @ 1500 MHz | 4800          | .05            | 1000         |
| 1008HT-12N2T_BC | 12 @ 250 MHz    | 5                  | 55 @ 700 MHz  | 3800          | .065           | 1000         |
| 1008HT-15N2T_BC | 15 @ 250 MHz    | 5                  | 55 @ 700 MHz  | 2800          | .08            | 1000         |
| 1008HT-18N2T_BC | 18 @ 250 MHz    | 5                  | 55 @ 500 MHz  | 3000          | .09            | 1000         |
| 1008HT-22N2T_BC | 22 @ 250 MHz    | 5                  | 55 @ 500 MHz  | 2600          | .11            | 950          |
| 1008HT-27N2T_BC | 27 @ 250 MHz    | 5,2                | 55 @ 500 MHz  | 2400          | .13            | 850          |
| 1008HT-33N2T_BC | 33 @ 200 MHz    | 5,2                | 55 @ 350 MHz  | 2000          | .135           | 760          |
| 1008HT-39N2T_BC | 39 @ 200 MHz    | 5,2                | 55 @ 350 MHz  | 1900          | .17            | 700          |
| 1008HT-47N2T_BC | 47 @ 200 MHz    | 5,2,1              | 55 @ 350 MHz  | 1500          | .18            | 660          |
| 1008HT-56N2T_BC | 56 @ 150 MHz    | 5,2,1              | 50 @ 300 MHz  | 1500          | .18            | 620          |
| 1008HT-68N2T_BC | 68 @ 150 MHz    | 5,2,1              | 50 @ 300 MHz  | 1500          | .23            | 550          |
| 1008HT-82N2T_BC | 82 @ 150 MHz    | 5,2,1              | 40 @ 250 MHz  | 1300          | .35            | 500          |
| 1008HT-R10T_BC  | 100 @ 100 MHz   | 5,2,1              | 40 @ 250 MHz  | 1200          | .64            | 420          |
| 1008HT-R12T_BC  | 120 @ 100 MHz   | 5,2,1              | 40 @ 200 MHz  | 1090          | .55            | 350          |
| 1008HT-R14T_BC  | 140 @ 100 MHz   | 5,2,1              | 40 @ 200 MHz  | 1100          | .70            | 320          |
| 1008HT-R15T_BC  | 150 @ 100 MHz   | 5,2,1              | 40 @ 200 MHz  | 960           | .75            | 300          |
| 1008HT-R18T_BC  | 180 @ 200 MHz   | 5,2,1              | 40 @ 200 MHz  | 920           | 1.02           | 250          |
| 1008HT-R22T_BC  | 220 @ 50 MHz    | 5,2,1              | 34 @ 100 MHz  | 750           | 1.15           | 250          |
| 1008HT-R24T_BC  | 240 @ 200 MHz   | 5,2                | 32 @ 100 MHz  | 800           | 1.15           | 250          |
| 1008HT-R27T_BC  | 270 @ 50 MHz    | 5,2                | 32 @ 100 MHz  | 770           | 1.25           | 250          |
| 1008HT-R33T_BC  | 330 @ 25 MHz    | 5,2                | 32 @ 100 MHz  | 635           | 1.35           | 250          |
| 1008HT-R39T_BC  | 390 @ 25 MHz    | 5,2                | 32 @ 100 MHz  | 555           | 1.45           | 250          |
| 1008HT-R47T_BC  | 470 @ 25 MHz    | 5,2                | 32 @ 100 MHz  | 530           | 1.65           | 240          |
| 1008HT-R56T_BC  | 560 @ 25 MHz    | 5,2                | 32 @ 100 MHz  | 485           | 1.90           | 240          |

## 1008CS (2520)

| Part number    | Inductance (nH) | Percent tolerance* | Q min        | SRF min (MHz) | DCR max (Ohms) | Idc max (mA) |
|----------------|-----------------|--------------------|--------------|---------------|----------------|--------------|
| 1008CS-100X_BC | 10 @ 50 MHz     | 5,2                | 50 @ 500 MHz | 4100          | .08            | 1000         |
| 1008CS-120X_BC | 12 @ 50 MHz     | 5,2                | 50 @ 500 MHz | 3300          | .09            | 1000         |
| 1008CS-150X_BC | 15 @ 50 MHz     | 5,2                | 50 @ 500 MHz | 2500          | .10            | 1000         |
| 1008CS-180X_BC | 18 @ 50 MHz     | 5,2                | 50 @ 350 MHz | 2500          | .11            | 1000         |
| 1008CS-220X_BC | 22 @ 50 MHz     | 5,2,1              | 55 @ 350 MHz | 2400          | .12            | 1000         |
| 1008CS-270X_BC | 27 @ 50 MHz     | 5,2                | 55 @ 350 MHz | 1600          | .13            | 1000         |
| 1008CS-330X_BC | 33 @ 50 MHz     | 5,2                | 60 @ 350 MHz | 1600          | .14            | 1000         |
| 1008CS-390X_BC | 39 @ 50 MHz     | 5,2                | 60 @ 350 MHz | 1500          | .15            | 1000         |
| 1008CS-470X_BC | 47 @ 50 MHz     | 5,2,1              | 65 @ 350 MHz | 1500          | .16            | 1000         |
| 1008CS-560X_BC | 56 @ 50 MHz     | 5,2,1              | 65 @ 350 MHz | 1300          | .18            | 1000         |
| 1008CS-680X_BC | 68 @ 50 MHz     | 5,2,1              | 65 @ 350 MHz | 1300          | .20            | 1000         |
| 1008CS-820X_BC | 82 @ 50 MHz     | 5,2,1              | 60 @ 350 MHz | 1000          | .22            | 1000         |
| 1008CS-101X_BC | 100 @ 25 MHz    | 5,2,1              | 60 @ 350 MHz | 1000          | .56            | 650          |
| 1008CS-121X_BC | 120 @ 25 MHz    | 5,2,1              | 60 @ 350 MHz | 950           | .63            | 650          |
| 1008CS-151X_BC | 150 @ 25 MHz    | 5,2,1              | 45 @ 100 MHz | 850           | .70            | 580          |
| 1008CS-181X_BC | 180 @ 25 MHz    | 5,2,1              | 45 @ 100 MHz | 750           | .77            | 620          |
| 1008CS-221X_BC | 220 @ 25 MHz    | 5,2,1              | 45 @ 100 MHz | 700           | .84            | 500          |
| 1008CS-271X_BC | 270 @ 25 MHz    | 5,2,1              | 45 @ 100 MHz | 600           | .91            | 500          |
| 1008CS-331X_BC | 330 @ 25 MHz    | 5,2,1              | 45 @ 100 MHz | 570           | 1.05           | 450          |
| 1008CS-391X_BC | 390 @ 25 MHz    | 5,2,1              | 45 @ 100 MHz | 500           | 1.12           | 470          |
| 1008CS-471X_BC | 470 @ 25 MHz    | 5,2,1              | 45 @ 100 MHz | 450           | 1.19           | 470          |
| 1008CS-561X_BC | 560 @ 25 MHz    | 5,2,1              | 45 @ 100 MHz | 415           | 1.33           | 400          |
| 1008CS-621X_BC | 620 @ 25 MHz    | 5,2,1              | 45 @ 100 MHz | 375           | 1.40           | 300          |
| 1008CS-681X_BC | 680 @ 25 MHz    | 5,2,1              | 45 @ 100 MHz | 375           | 1.47           | 400          |
| 1008CS-751X_BC | 750 @ 25 MHz    | 5,2,1              | 45 @ 100 MHz | 360           | 1.54           | 360          |
| 1008CS-821X_BC | 820 @ 25 MHz    | 5,2,1              | 45 @ 100 MHz | 350           | 1.61           | 400          |
| 1008CS-911X_BC | 910 @ 25 MHz    | 5,2,1              | 35 @ 50 MHz  | 320           | 1.68           | 380          |
| 1008CS-102X_BC | 1000 @ 25 MHz   | 5,2,1              | 35 @ 50 MHz  | 290           | 1.75           | 370          |
| 1008CS-122X_BC | 1200 @ 7.9 MHz  | 5,2                | 35 @ 50 MHz  | 250           | 2.0            | 310          |
| 1008CS-152X_BC | 1500 @ 7.9 MHz  | 5,2                | 28 @ 50 MHz  | 200           | 2.3            | 330          |
| 1008CS-182X_BC | 1800 @ 7.9 MHz  | 5,2                | 28 @ 50 MHz  | 160           | 2.6            | 300          |
| 1008CS-222X_BC | 2200 @ 7.9 MHz  | 5,2                | 28 @ 50 MHz  | 160           | 2.8            | 280          |
| 1008CS-272X_BC | 2700 @ 7.9 MHz  | 5,2                | 22 @ 25 MHz  | 140           | 3.2            | 290          |
| 1008CS-332X_BC | 3300 @ 7.9 MHz  | 5,2                | 22 @ 25 MHz  | 110           | 3.4            | 290          |
| 1008CS-392X_BC | 3900 @ 7.9 MHz  | 5,2                | 20 @ 25 MHz  | 100           | 3.6            | 260          |
| 1008CS-472X_BC | 4700 @ 7.9 MHz  | 5,2                | 20 @ 25 MHz  | 90            | 4.0            | 260          |
| 1008CS-562X_BC | 5600 @ 7.9 MHz  | 10,5               | 16 @ 7.9 MHz | 20            | 4.0            | 240          |
| 1008CS-682X_BC | 6800 @ 7.9 MHz  | 10,5               | 18 @ 7.9 MHz | 40            | 4.9            | 200          |
| 1008CS-822X_BC | 8200 @ 7.9 MHz  | 10,5               | 18 @ 7.9 MHz | 25            | 6.0            | 170          |

\* Bold numbers indicate tolerances carried in stock. When ordering, please replace underscore in part number with the proper tolerance code: F = 1%, G = 2%, J = 5%, K = 10%, M = 20%. (e.g. 1008CS-180XJBC for a 5% tolerance part.)

## 1008HQ (2520) High Q

| Part number     | Inductance (nH) | Percent tolerance* | Q min         | SRF min (GHz) | RDC max (Ohms) | IDC max (A) |
|-----------------|-----------------|--------------------|---------------|---------------|----------------|-------------|
| 1008HQ-3N0X_BC  | 3.0 @ 50 MHz    | 5                  | 70 @ 1500 MHz | 6.00          | .04            | 1.6         |
| 1008HQ-4N1X_BC  | 4.1 @ 50 MHz    | 5                  | 75 @ 1500 MHz | 6.00          | .05            | 1.6         |
| 1008HQ-7N8X_BC  | 7.8 @ 50 MHz    | 5                  | 75 @ 500 MHz  | 3.80          | .05            | 1.6         |
| 1008HQ-10N1X_BC | 10 @ 50 MHz     | 10,5,2             | 60 @ 500 MHz  | 3.60          | .06            | 1.6         |
| 1008HQ-12N1X_BC | 12 @ 50 MHz     | 5,2                | 70 @ 500 MHz  | 2.80          | .06            | 1.5         |
| 1008HQ-18N1X_BC | 18 @ 50 MHz     | 5,2                | 62 @ 350 MHz  | 2.70          | .07            | 1.4         |
| 1008HQ-22N1X_BC | 22 @ 50 MHz     | 5,2                | 62 @ 350 MHz  | 2.05          | .07            | 1.4         |
| 1008HQ-33N1X_BC | 33 @ 50 MHz     | 5,2                | 75 @ 350 MHz  | 1.70          | .09            | 1.3         |
| 1008HQ-39N1X_BC | 39 @ 50 MHz     | 5,2                | 75 @ 350 MHz  | 1.30          | .09            | 1.3         |
| 1008HQ-47N1X_BC | 47 @ 50 MHz     | 5,2,1              | 75 @ 350 MHz  | 1.45          | .12            | 1.2         |
| 1008HQ-56N1X_BC | 56 @ 50 MHz     | 5,2,1              | 75 @ 350 MHz  | 1.23          | .12            | 1.2         |
| 1008HQ-68N1X_BC | 68 @ 50 MHz     | 5,2,1              | 80 @ 350 MHz  | 1.15          | .13            | 1.1         |
| 1008HQ-82N1X_BC | 82 @ 50 MHz     | 5,2                | 80 @ 350 MHz  | 1.06          | .16            | 1.1         |
| 1008HQ-R10X_BC  | 100 @ 50 MHz    | 5,2                | 62 @ 350 MHz  | 0.82          | .16            | 1.0         |

## 1008CT (2520) Low Profile

| Part number    | Inductance (nH) | Percent tolerance* | Q min        | SRF min (MHz) | DCR max (Ohms) | Idc max (mA) |
|----------------|-----------------|--------------------|--------------|---------------|----------------|--------------|
| 1008CT-040X_BC | 4.7 @ 50 MHz    | 5                  | 42 @ 500 MHz | 7500          | .15            | 600          |
| 1008CT-080X_BC | 8.2 @ 50 MHz    | 5                  | 50 @ 500 MHz | 5000          | .22            | 600          |
| 1008CT-150X_BC | 15 @ 50 MHz     | 5                  | 57 @ 500 MHz | 3000          | .22            | 600          |
| 1008CT-200X_BC | 20 @ 50 MHz     | 5                  | 72 @ 500 MHz | 2400          | .33            | 600          |
| 1008CT-300X_BC | 30 @ 50 MHz     | 5,2                | 69 @ 500 MHz | 2400          | .38            | 600          |
| 1008CT-400X_BC | 40 @ 50 MHz     | 5,2                | 67 @ 500 MHz | 2000          | .43            | 600          |
| 1008CT-500X_BC | 50 @ 50 MHz     | 5,2                | 72 @ 500 MHz | 1900          | .48            | 600          |
| 1008CT-600X_BC | 60 @ 50 MHz     | 5,2,1              | 75 @ 500 MHz | 1800          | .52            | 600          |
| 1008CT-700X_BC | 70 @ 50 MHz     | 5,2,1              | 68 @ 500 MHz | 1700          | .55            | 510          |
| 1008CT-800X_BC | 80 @ 50 MHz     | 5,2,1              | 75 @ 500 MHz | 1400          | .56            | 510          |
| 1008CT-900X_BC | 90 @ 50 MHz     | 5,2                | 85 @ 500 MHz | 1400          | .61            | 500          |
| 1008CT-101X_BC | 100 @ 50 MHz    | 10,5,2             | 60 @ 500 MHz | 1000          | .63            | 480          |

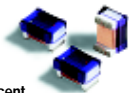
## 1008LS (2520)

| Part number    | Inductance (uH) | Percent tolerance* | Q min        | SRF min (MHz) | DCR max (Ohms) | Idc max (mA) |
|----------------|-----------------|--------------------|--------------|---------------|----------------|--------------|
| 1008LS-122X_BC | 1.2 @ 7.9 MHz   | 5                  | 48 @ 50 MHz  | 210           | .68            | 650          |
| 1008LS-152X_BC | 1.5 @ 7.9 MHz   | 5                  | 41 @ 50 MHz  | 190           | .76            | 630          |
| 1008LS-182X_BC | 1.8 @ 7.9 MHz   | 5                  | 39 @ 50 MHz  | 170           | .84            | 600          |
| 1008LS-222X_BC | 2.2 @ 7.9 MHz   | 5                  | 34 @ 50 MHz  | 150           | 1.10           | 520          |
| 1008LS-272X_BC | 2.7 @ 7.9 MHz   | 5                  | 34 @ 50 MHz  | 135           | 1.28           | 490          |
| 1008LS-332X_BC | 3.3 @ 7.9 MHz   | 5                  | 32 @ 50 MHz  | 120           | 1.46           | 450          |
| 1008LS-392X_BC | 3.9 @ 7.9 MHz   | 5                  | 32 @ 7.9 MHz | 105           | 1.56           | 420          |
| 1008LS-472X_BC | 4.7 @ 7.9 MHz   | 5                  | 31 @ 7.9 MHz | 90            | 1.68           | 400          |
| 1008LS-562X_BC | 5.6 @ 7.9 MHz   | 5                  | 31 @ 7.9 MHz | 80            | 1.82           | 380          |
| 1008LS-682X_BC | 6.8 @ 7.9 MHz   | 5                  | 31 @ 7.9 MHz | 70            | 2.00           | 360          |
| 1008LS-822X_BC | 8.2 @ 7.9 MHz   | 5                  | 23 @ 7.9 MHz | 65            | 2.65           | 330          |
| 1008LS-103X_BC | 10.0 @ 7.9 MHz  | 10,5               | 31 @ 7.9 MHz | 60            | 2.95           | 300          |

## 1206CS (3216)

| Part number    | Inductance (nH) | Percent tolerance* | Q min        | SRF min (MHz) | DCR max (Ohms) | Idc max (mA) |
|----------------|-----------------|--------------------|--------------|---------------|----------------|--------------|
| 1206CS-030X_BC | 3.3 @ 100 MHz   | 5                  | 30 @ 300 MHz | 6200          | .050           | 1000         |
| 1206CS-060X_BC | 6.8 @ 100 MHz   | 5                  | 30 @ 300 MHz | 5500          | .070           | 1000         |
| 1206CS-100X_BC | 10 @ 100 MHz    | 5                  | 40 @ 300 MHz | 4000          | .080           | 1000         |
| 1206CS-120X_BC | 12 @ 100 MHz    | 5                  | 40 @ 300 MHz | 3200          | .080           | 1000         |
| 1206CS-150X_BC | 15 @ 100 MHz    | 5                  | 40 @ 300 MHz | 3200          | .100           | 1000         |
| 1206CS-180X_BC | 18 @ 100 MHz    | 5,2                | 50 @ 300 MHz | 2800          | .100           | 1000         |
| 1206CS-220X_BC | 22 @ 100 MHz    | 5,2                | 50 @ 300 MHz | 2200          | .100           | 1000         |
| 1206CS-270X_BC | 27 @ 100 MHz    | 5,2                | 50 @ 300 MHz | 1800          | .110           | 1000         |
| 1206CS-330X_BC | 33 @ 100 MHz    | 5,2                | 55 @ 300 MHz | 1800          | .110           | 1000         |
| 1206CS-390X_BC | 39 @ 100 MHz    | 5,2                | 55 @ 300 MHz | 1800          | .120           | 1000         |
| 1206CS-470X_BC | 47 @ 100 MHz    | 5,2                | 55 @ 300 MHz | 1500          | .130           | 1000         |
| 1206CS-560X_BC | 56 @ 100 MHz    | 5,2,1              | 55 @ 300 MHz | 1450          | .140           | 1000         |
| 1206CS-680X_BC | 68 @ 100 MHz    | 5,2,1              | 55 @ 300 MHz | 1200          | .260           | 900          |
| 1206CS-820X_BC | 82 @ 100 MHz    | 5,2,1              | 55 @ 300 MHz | 1200          | .210           | 900          |
| 1206CS-101X_BC | 100 @ 100 MHz   | 5,2,1              | 55 @ 300 MHz | 1100          | .260           | 850          |
| 1206CS-121X_BC | 120 @ 100 MHz   | 5,2,1              | 60 @ 300 MHz | 1100          | .260           | 800          |
| 1206CS-151X_BC | 150 @ 100 MHz   | 5,2,1              | 60 @ 300 MHz | 950           | .310           | 750          |
| 1206CS-181X_BC | 180 @ 50 MHz    | 5,2,1              | 60 @ 300 MHz | 900           | .430           | 700          |
| 1206CS-221X_BC | 220 @ 50 MHz    | 5,2,1              | 60 @ 300 MHz | 760           | .500           | 670          |
| 1206CS-271X_BC | 270 @ 50 MHz    | 5,2,1              | 55 @ 300 MHz | 730           | .560           | 630          |
| 1206CS-331X_BC | 330 @ 50 MHz    | 5,2,1              | 45 @ 150 MHz | 650           | .620           | 590          |
| 1206CS-391X_BC | 390 @ 50 MHz    | 5,2,1              | 45 @ 150 MHz | 600           | .750           | 530          |
| 1206CS-471X_BC | 470 @ 50 MHz    | 5,2,1              | 45 @ 150 MHz | 550           | 1.30           | 490          |
| 1206CS-561X_BC | 560 @ 35 MHz    | 5,2,1              | 45 @ 150 MHz | 470           | 1.34           | 460          |
| 1206CS-621X_BC | 620 @ 35 MHz    | 5,2,1              | 45 @ 150 MHz | 470           | 1.58           | 460          |
| 1206CS-681X_BC | 680 @ 35 MHz    | 5,2,1              | 45 @ 150 MHz | 450           | 1.58           | 430          |
| 1206CS-751X_BC | 750 @ 35 MHz    | 5,2,1              | 45 @ 150 MHz | 440           | 2.25           | 320          |
| 1206CS-821X_BC | 820 @ 35 MHz    | 5,2,1              | 45 @ 150 MHz | 420           | 1.82           | 400          |
| 1206CS-911X_BC | 910 @ 35 MHz    | 5,2,1              | 45 @ 150 MHz | 410           | 2.95           | 310          |
| 1206CS-102X_BC | 1000 @ 35 MHz   | 5,2,1              | 45 @ 150 MHz | 400           | 2.80           | 320          |
| 1206CS-122X_BC | 1200 @ 35 MHz   | 5,2,1              | 45 @ 150 MHz | 380           | 3.20           | 300          |

# 1812CS (4532)



| Part number    | Inductance (µH) | Percent tolerance* | Q min       | SRF min (MHz) | DCR max (Ohms) | Idc max (mA) |
|----------------|-----------------|--------------------|-------------|---------------|----------------|--------------|
| 1812CS-102X_BC | 1.0 @ 7.9 MHz   | 10,5               | 60 @ 50 MHz | 310           | 1.2            | 480          |
| 1812CS-122X_BC | 1.2 @ 7.9 MHz   | 5                  | 62 @ 50 MHz | 230           | 1.2            | 480          |
| 1812CS-152X_BC | 1.5 @ 7.9 MHz   | 5,2                | 65 @ 50 MHz | 210           | 1.6            | 430          |
| 1812CS-182X_BC | 1.8 @ 7.9 MHz   | 5                  | 68 @ 50 MHz | 190           | 2.0            | 380          |
| 1812CS-222X_BC | 2.2 @ 7.9 MHz   | 5                  | 63 @ 50 MHz | 170           | 2.2            | 340          |
| 1812CS-272X_BC | 2.7 @ 7.9 MHz   | 5                  | 63 @ 50 MHz | 160           | 3.2            | 300          |
| 1812CS-332X_BC | 3.3 @ 7.9 MHz   | 5                  | 65 @ 50 MHz | 145           | 3.8            | 270          |
| 1812CS-392X_BC | 3.9 @ 7.9 MHz   | 5,2                | 69 @ 50 MHz | 130           | 5.0            | 240          |
| 1812CS-472X_BC | 4.7 @ 7.9 MHz   | 5                  | 63 @ 50 MHz | 115           | 5.4            | 230          |
| 1812CS-562X_BC | 5.6 @ 7.9 MHz   | 5                  | 59 @ 50 MHz | 100           | 5.7            | 220          |
| 1812CS-682X_BC | 6.8 @ 7.9 MHz   | 5                  | 63 @ 50 MHz | 90            | 6.6            | 210          |
| 1812CS-822X_BC | 8.2 @ 7.9 MHz   | 5                  | 47 @ 50 MHz | 80            | 7.0            | 200          |
| 1812CS-103X_BC | 10.0 @ 7.9 MHz  | 5                  | 36 @ 50 MHz | 70            | 7.7            | 190          |
| 1812CS-123X_BC | 12.0 @ 2.5 MHz  | 5                  | 35 @ 10 MHz | 60            | 8.7            | 180          |
| 1812CS-153X_BC | 15.0 @ 2.5 MHz  | 5                  | 34 @ 10 MHz | 50            | 9.6            | 170          |
| 1812CS-183X_BC | 18.0 @ 2.5 MHz  | 5                  | 30 @ 10 MHz | 45            | 10.5           | 160          |
| 1812CS-223X_BC | 22.0 @ 2.5 MHz  | 5,2                | 32 @ 10 MHz | 40            | 11.5           | 155          |
| 1812CS-273X_BC | 27.0 @ 2.5 MHz  | 5                  | 29 @ 10 MHz | 30            | 12.5           | 150          |
| 1812CS-333X_BC | 33.0 @ 2.5 MHz  | 5,2                | 20 @ 10 MHz | 20            | 13.5           | 145          |

# 1812LS (4532)



| Part number    | Inductance (µH) | Percent tolerance* | Q min | Test freq (MHz) | SRF min (MHz) | DCR max (Ohms) | Idc max (mA) |
|----------------|-----------------|--------------------|-------|-----------------|---------------|----------------|--------------|
| 1812LS-123X_BC | 12              | 5                  | 42    | 2.5             | 55            | 2.0            | 310          |
| 1812LS-153X_BC | 15              | 5                  | 42    | 2.5             | 45            | 2.5            | 290          |
| 1812LS-183X_BC | 18              | 5                  | 45    | 2.5             | 37            | 2.8            | 270          |
| 1812LS-223X_BC | 22              | 5                  | 45    | 2.5             | 32            | 3.2            | 260          |
| 1812LS-273X_BC | 27              | 5                  | 45    | 2.5             | 27            | 3.6            | 240          |
| 1812LS-333X_BC | 33              | 5                  | 45    | 2.5             | 23            | 4.0            | 230          |
| 1812LS-393X_BC | 39              | 5                  | 45    | 2.5             | 19            | 4.5            | 210          |
| 1812LS-473X_BC | 47              | 5                  | 42    | 2.5             | 16            | 5.0            | 200          |
| 1812LS-563X_BC | 56              | 5                  | 42    | 2.5             | 13            | 5.5            | 190          |
| 1812LS-683X_BC | 68              | 5                  | 40    | 2.5             | 10            | 6.0            | 180          |
| 1812LS-823X_BC | 82              | 5                  | 40    | 2.5             | 9             | 7.0            | 170          |
| 1812LS-104X_BC | 100             | 5                  | 40    | 2.5             | 8.5           | 8.0            | 150          |
| 1812LS-124X_BC | 120             | 5                  | 33    | 0.79            | 8.5           | 11.5           | 135          |
| 1812LS-154X_BC | 150             | 5                  | 36    | 0.79            | 8.5           | 13.0           | 125          |
| 1812LS-184X_BC | 180             | 5                  | 36    | 0.79            | 8.0           | 14.2           | 120          |
| 1812LS-224X_BC | 220             | 5                  | 38    | 0.79            | 6.0           | 16.2           | 115          |
| 1812LS-274X_BC | 270             | 5                  | 38    | 0.79            | 5.0           | 20.5           | 105          |
| 1812LS-334X_BC | 330             | 5                  | 38    | 0.79            | 4.5           | 22.5           | 100          |
| 1812LS-394X_BC | 390             | 5                  | 38    | 0.79            | 3.5           | 24.5           | 90           |
| 1812LS-474X_BC | 470             | 5                  | 38    | 0.79            | 3.0           | 26.5           | 85           |
| 1812LS-564X_BC | 560             | 5                  | 33    | 0.79            | 2.0           | 28.5           | 75           |
| 1812LS-684X_BC | 680             | 5                  | 33    | 0.79            | 1.9           | 38.0           | 60           |
| 1812LS-824X_BC | 820             | 5                  | 30    | 0.79            | 1.6           | 41.0           | 55           |
| 1812LS-105X_BC | 1000            | 5                  | 30    | 0.79            | 1.5           | 44.0           | 50           |

## Dimensions

| Series    | A max     | B max     | C max     | D ref     | E         | F         | G         | H         | I         | J         |
|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 0402CS    | .047 1,19 | .024 0,61 | .026 0,66 | .010 0,25 | .020 0,51 | .009 0,23 | .022 0,56 | .026 0,66 | .014 0,36 | .018 0,46 |
| 0603CS/HC | .071 1,80 | .044 1,12 | .040 1,02 | .015 0,38 | .030 0,76 | .013 0,33 | .034 0,86 | .040 1,02 | .025 0,64 | .025 0,64 |
| 0805CS    | .090 2,29 | .068 1,73 | .060 1,52 | .020 0,51 | .050 1,27 | .020 0,51 | .040 1,02 | .070 1,78 | .040 1,02 | .030 0,76 |
| 0805HQ    | .090 2,29 | .068 1,73 | .060 1,52 | .020 0,51 | .050 1,27 | .020 0,51 | .040 1,02 | .070 1,78 | .040 1,02 | .030 0,76 |
| 0805HT    | .085 2,16 | .060 1,52 | .035 0,89 |           | .050 1,27 | .017 0,43 | .045 1,14 | .070 1,78 | .040 1,02 | .030 0,76 |
| 1008CS    | .115 2,92 | .110 2,79 | .080 2,03 | .020 0,51 | .080 2,03 | .020 0,51 | .060 1,52 | .100 2,54 | .040 1,02 | .050 1,27 |
| 1008CT    | .115 2,92 | .110 2,79 | .050 1,27 | .020 0,51 | .080 2,03 | .020 0,51 | .060 1,52 | .100 2,54 | .040 1,02 | .050 1,27 |
| 1008HQ    | .115 2,92 | .110 2,79 | .080 2,03 | .020 0,51 | .080 2,03 | .020 0,51 | .060 1,52 | .100 2,54 | .040 1,02 | .050 1,27 |
| 1008HT    | .105 2,67 | .095 2,41 | .045 1,14 |           | .080 2,03 | .020 0,51 | .060 1,52 | .100 2,54 | .040 1,02 | .050 1,27 |
| 1008LS    | .115 2,92 | .110 2,79 | .080 2,03 | .020 0,51 | .080 2,03 | .020 0,51 | .060 1,52 | .100 2,54 | .040 1,02 | .050 1,27 |
| 1206CS    | .140 3,56 | .085 2,16 | .060 1,52 | .020 0,51 | .056 1,42 | .020 0,51 | .080 2,03 | .076 1,93 | .040 1,02 | .070 1,78 |
| 1812CS    | .195 4,95 | .150 3,81 | .135 3,43 | .070 1,78 | .100 2,54 | .025 0,64 | .128 3,25 | .120 3,05 | .045 1,14 | .118 3,00 |
| 1812LS    | .195 4,95 | .150 3,81 | .135 3,43 | .070 1,78 | .100 2,54 | .025 0,64 | .128 3,25 | .120 3,05 | .045 1,14 | .118 3,00 |

