



# SKHWI Series

## Ceramic Core Coil Inductor

### Features

- Core winding method, high Q value
- High current, low DC resistance
- The self-harmonic frequency is higher

### Applications

- Suitable for electronic equipment information processing system



### Product identification



### Shape and dimensions





# SKHWI Series

| Type Specification | Product Size     |                  |                  |                  |                  |                  |
|--------------------|------------------|------------------|------------------|------------------|------------------|------------------|
|                    | A <sub>max</sub> | B <sub>max</sub> | C <sub>max</sub> | D <sub>max</sub> | E <sub>max</sub> | F <sub>max</sub> |
| SKHWI0402          | 1.19             | 0.66             | 0.66             | 0.60             | 0.30             | 0.50             |
| SKHWI0603          | 1.80             | 1.20             | 1.10             | 0.85             | 0.40             | 0.92             |
| SKHWI0805          | 2.30             | 1.70             | 1.45             | 1.38             | 0.60             | 1.03             |
| SKHWI1008          | 2.80             | 2.70             | 2.10             | 2.20             | 0.60             | 1.50             |
| SKHWI1210          | 3.50             | 2.90             | 2.25             | 2.50             | 0.60             | 2.20             |

## Recommended pad size



| Type Specification | Recommended Pad Size |      |      |
|--------------------|----------------------|------|------|
|                    | L                    | G    | H    |
| SKHWI0402          | 1.40                 | 0.25 | 1.00 |
| SKHWI0603          | 2.10                 | 0.30 | 1.30 |
| SKHWI0805          | 2.70                 | 0.55 | 2.10 |
| SKHWI1008          | 3.50                 | 0.70 | 3.20 |
| SKHWI1210          | 4.40                 | 1.00 | 3.50 |



# SKHWI Series

## Specifications

### SKHWI0402 TYPE

| Part Number   | Inductance | Inductance Tolerance | Quality Factor Min | L, Q Test Conditions | Self-resonant Frequency Min | Max. DC Resistance | Max. Rated Current |
|---------------|------------|----------------------|--------------------|----------------------|-----------------------------|--------------------|--------------------|
| Units         | nH         | -                    | -                  | MHz                  | MHz                         | $\Omega$           | mA                 |
| Symbol        | L          | -                    | Q                  | -                    | S.R.F                       | DCR                | Ir                 |
| SKHWI0402-1N0 | 1.0        | J, K                 | 16                 | 250                  | 12.7                        | 0.045              | 1360               |
| SKHWI0402-1N2 | 1.2        | J, K                 | 15                 | 250                  | 12.9                        | 0.090              | 740                |
| SKHWI0402-1N3 | 1.3        | J, K                 | 15                 | 250                  | 12.9                        | 0.090              | 740                |
| SKHWI0402-1N8 | 1.8        | J, K                 | 20                 | 250                  | 12                          | 0.070              | 1040               |
| SKHWI0402-1N9 | 1.9        | J, K                 | 20                 | 250                  | 11.3                        | 0.070              | 1040               |
| SKHWI0402-2N0 | 2.0        | J, K                 | 23                 | 250                  | 11.1                        | 0.070              | 1040               |
| SKHWI0402-2N2 | 2.2        | J, K                 | 22                 | 250                  | 10.8                        | 0.070              | 960                |
| SKHWI0402-2N4 | 2.4        | J, K                 | 22                 | 250                  | 10.5                        | 0.068              | 790                |
| SKHWI0402-2N7 | 2.7        | J, K                 | 16                 | 250                  | 10.4                        | 0.120              | 640                |
| SKHWI0402-3N0 | 3.0        | J, K                 | 24                 | 250                  | 7                           | 0.066              | 840                |
| SKHWI0402-3N3 | 3.3        | J, K                 | 24                 | 250                  | 7                           | 0.066              | 840                |
| SKHWI0402-3N6 | 3.6        | J, K                 | 24                 | 250                  | 6.8                         | 0.066              | 840                |
| SKHWI0402-3N9 | 3.9        | J, K                 | 24                 | 250                  | 6                           | 0.066              | 840                |
| SKHWI0402-4N3 | 4.3        | J, K                 | 22                 | 250                  | 6                           | 0.091              | 700                |
| SKHWI0402-4N7 | 4.7        | J, K                 | 20                 | 250                  | 4.77                        | 0.130              | 640                |
| SKHWI0402-5N1 | 5.1        | J, K                 | 23                 | 250                  | 4.8                         | 0.083              | 800                |
| SKHWI0402-5N6 | 5.6        | J, K                 | 25                 | 250                  | 4.8                         | 0.083              | 760                |
| SKHWI0402-6N2 | 6.2        | J, K                 | 25                 | 250                  | 4.8                         | 0.083              | 760                |
| SKHWI0402-6N8 | 6.8        | J, K                 | 24                 | 250                  | 4.8                         | 0.083              | 680                |
| SKHWI0402-7N3 | 7.3        | J, K                 | 25                 | 250                  | 4.8                         | 0.100              | 680                |
| SKHWI0402-7N5 | 7.5        | J, K                 | 25                 | 250                  | 4.8                         | 0.100              | 680                |
| SKHWI0402-8N2 | 8.2        | J, K                 | 25                 | 250                  | 4.4                         | 0.100              | 680                |
| SKHWI0402-8N7 | 8.7        | J, K                 | 25                 | 250                  | 4.1                         | 0.200              | 480                |
| SKHWI0402-9N0 | 9.0        | J, K                 | 25                 | 250                  | 4.16                        | 0.100              | 680                |
| SKHWI0402-9N1 | 9.1        | J, K                 | 25                 | 250                  | 4.16                        | 0.100              | 680                |
| SKHWI0402-9N5 | 9.5        | J, K                 | 24                 | 250                  | 4                           | 0.200              | 480                |
| SKHWI0402-010 | 10         | J, K                 | 24                 | 250                  | 3.9                         | 0.200              | 480                |



## SKHWI Series

|               |     |     |    |     |      |       |     |
|---------------|-----|-----|----|-----|------|-------|-----|
| SKHWI0402-011 | 11  | J、K | 26 | 250 | 3.68 | 0.120 | 640 |
| SKHWI0402-012 | 12  | J、K | 26 | 250 | 3.6  | 0.120 | 640 |
| SKHWI0402-013 | 13  | J、K | 24 | 250 | 3.45 | 0.210 | 440 |
| SKHWI0402-015 | 15  | J、K | 26 | 250 | 3.28 | 0.170 | 560 |
| SKHWI0402-016 | 16  | J、K | 25 | 250 | 3.1  | 0.220 | 560 |
| SKHWI0402-018 | 18  | J、K | 25 | 250 | 3.1  | 0.230 | 420 |
| SKHWI0402-019 | 19  | J、K | 26 | 250 | 3.04 | 0.200 | 480 |
| SKHWI0402-020 | 20  | J、K | 26 | 250 | 3    | 0.250 | 420 |
| SKHWI0402-022 | 22  | J、K | 25 | 250 | 2.8  | 0.300 | 400 |
| SKHWI0402-023 | 23  | J、K | 25 | 250 | 2.72 | 0.300 | 400 |
| SKHWI0402-024 | 24  | J、K | 25 | 250 | 2.7  | 0.300 | 400 |
| SKHWI0402-027 | 27  | J、K | 25 | 250 | 2.48 | 0.300 | 400 |
| SKHWI0402-030 | 30  | J、K | 25 | 250 | 2.35 | 0.350 | 400 |
| SKHWI0402-033 | 33  | J、K | 24 | 250 | 2.35 | 0.400 | 400 |
| SKHWI0402-036 | 36  | J、K | 25 | 250 | 2.32 | 0.440 | 320 |
| SKHWI0402-039 | 39  | J、K | 25 | 250 | 2.1  | 0.550 | 200 |
| SKHWI0402-040 | 40  | J、K | 24 | 250 | 2.24 | 0.650 | 320 |
| SKHWI0402-043 | 43  | J、K | 25 | 250 | 2.03 | 0.810 | 100 |
| SKHWI0402-047 | 47  | J、K | 25 | 250 | 2.1  | 0.830 | 150 |
| SKHWI0402-051 | 51  | J、K | 25 | 250 | 1.75 | 0.820 | 100 |
| SKHWI0402-056 | 56  | J、K | 25 | 250 | 1.76 | 0.970 | 100 |
| SKHWI0402-062 | 62  | J、K | 25 | 250 | 1.62 | 1.120 | 100 |
| SKHWI0402-068 | 68  | J、K | 25 | 250 | 1.62 | 1.120 | 100 |
| SKHWI0402-072 | 72  | J、K | 25 | 250 | 1.26 | 1.550 | 50  |
| SKHWI0402-075 | 75  | J、K | 25 | 250 | 1.26 | 1.550 | 50  |
| SKHWI0402-082 | 82  | J、K | 25 | 250 | 1.26 | 1.550 | 50  |
| SKHWI0402-091 | 91  | J、K | 24 | 250 | 1.16 | 2.000 | 30  |
| SKHWI0402-R10 | 100 | J、K | 24 | 250 | 1.16 | 2.000 | 30  |
| SKHWI0402-R12 | 120 | J、K | 24 | 250 | 1.1  | 2.660 | 50  |

Note: Inductance deviation code is: J or K, J:±5%, K:±10%.



# SKHWI Series

## SKHWI0603 TYPE

| Part Number   | Inductance | Inductance Tolerance | Quality Factor Min | L, Q Test Conditions | Self-resonant Frequency Min | Max. DC Resistance | Max. Rated Current |
|---------------|------------|----------------------|--------------------|----------------------|-----------------------------|--------------------|--------------------|
| Units         | nH         | -                    | -                  | MHz                  | MHz                         | $\Omega$           | mA                 |
| Symbol        | L          | -                    | Q                  | -                    | S.R.F                       | DCR                | Ir                 |
| SKHWI0603-1N5 | 1.5        | J、K                  | 24                 | 250                  | 12500                       | 0.030              | 700                |
| SKHWI0603-1N6 | 1.6        | J、K                  | 24                 | 250                  | 12500                       | 0.030              | 700                |
| SKHWI0603-1N8 | 1.8        | J、K                  | 16                 | 250                  | 12500                       | 0.045              | 700                |
| SKHWI0603-2N0 | 2.0        | J、K                  | 12                 | 250                  | 12500                       | 0.250              | 100                |
| SKHWI0603-2N2 | 2.2        | J、K                  | 12                 | 100                  | 12500                       | 0.250              | 100                |
| SKHWI0603-2N7 | 2.7        | J、K                  | 22                 | 250                  | 5900                        | 0.045              | 700                |
| SKHWI0603-3N7 | 3.3        | J、K                  | 22                 | 250                  | 5900                        | 0.045              | 700                |
| SKHWI0603-3N6 | 3.6        | J、K                  | 22                 | 250                  | 5900                        | 0.063              | 700                |
| SKHWI0603-3N9 | 3.9        | J、K                  | 22                 | 250                  | 6900                        | 0.080              | 700                |
| SKHWI0603-4N3 | 4.3        | J、K                  | 22                 | 250                  | 5900                        | 0.063              | 700                |
| SKHWI0603-4N7 | 4.7        | J、K                  | 20                 | 250                  | 5800                        | 0.116              | 700                |
| SKHWI0603-5N1 | 5.1        | J、K                  | 20                 | 250                  | 5700                        | 0.140              | 700                |
| SKHWI0603-5N6 | 5.6        | J、K                  | 26                 | 250                  | 4760                        | 0.075              | 700                |
| SKHWI0603-6N2 | 6.2        | J、K                  | 20                 | 250                  | 5700                        | 0.140              | 700                |
| SKHWI0603-6N3 | 6.3        | J、K                  | 20                 | 250                  | 5700                        | 0.140              | 700                |
| SKHWI0603-6N8 | 6.8        | J、K                  | 27                 | 250                  | 5800                        | 0.110              | 700                |
| SKHWI0603-7N5 | 7.5        | J、K                  | 28                 | 250                  | 4800                        | 0.106              | 700                |
| SKHWI0603-8N0 | 8.0        | J、K                  | 28                 | 250                  | 4700                        | 0.109              | 700                |
| SKHWI0603-8N2 | 8.2        | J、K                  | 30                 | 250                  | 4200                        | 0.115              | 700                |
| SKHWI0603-8N7 | 8.7        | J、K                  | 28                 | 250                  | 4600                        | 0.109              | 700                |
| SKHWI0603-9N1 | 9.1        | J、K                  | 28                 | 250                  | 5400                        | 0.125              | 700                |
| SKHWI0603-9N5 | 9.5        | J、K                  | 28                 | 250                  | 5400                        | 0.125              | 700                |
| SKHWI0603-010 | 10         | J、K                  | 31                 | 250                  | 4800                        | 0.130              | 700                |
| SKHWI0603-011 | 11         | G、J、K                | 30                 | 250                  | 4000                        | 0.130              | 700                |
| SKHWI0603-012 | 12         | G、J、K                | 35                 | 250                  | 4000                        | 0.130              | 700                |
| SKHWI0603-013 | 13         | G、J、K                | 35                 | 250                  | 4000                        | 0.130              | 700                |
| SKHWI0603-015 | 15         | G、J、K                | 35                 | 250                  | 4000                        | 0.170              | 700                |
| SKHWI0603-016 | 16         | G、J、K                | 34                 | 250                  | 3300                        | 0.170              | 700                |



## SKHWI Series

|               |     |       |    |     |      |       |     |
|---------------|-----|-------|----|-----|------|-------|-----|
| SKHWI0603-018 | 18  | G、J、K | 35 | 250 | 3100 | 0.170 | 700 |
| SKHWI0603-020 | 20  | G、J、K | 36 | 250 | 3000 | 0.180 | 700 |
| SKHWI0603-022 | 22  | G、J、K | 38 | 250 | 3000 | 0.190 | 700 |
| SKHWI0603-023 | 23  | G、J、K | 38 | 250 | 3000 | 0.190 | 700 |
| SKHWI0603-024 | 24  | G、J、K | 36 | 250 | 2650 | 0.135 | 700 |
| SKHWI0603-027 | 27  | G、J、K | 40 | 250 | 2800 | 0.220 | 600 |
| SKHWI0603-030 | 30  | G、J、K | 37 | 250 | 2250 | 0.220 | 600 |
| SKHWI0603-033 | 33  | G、J、K | 40 | 250 | 2300 | 0.220 | 600 |
| SKHWI0603-036 | 36  | G、J、K | 37 | 250 | 2080 | 0.250 | 600 |
| SKHWI0603-039 | 39  | G、J、K | 40 | 250 | 2200 | 0.250 | 600 |
| SKHWI0603-043 | 43  | G、J、K | 38 | 250 | 2000 | 0.280 | 600 |
| SKHWI0603-047 | 47  | G、J、K | 38 | 200 | 2000 | 0.280 | 600 |
| SKHWI0603-051 | 51  | G、J、K | 35 | 200 | 1900 | 0.270 | 600 |
| SKHWI0603-056 | 56  | G、J、K | 38 | 200 | 1900 | 0.310 | 600 |
| SKHWI0603-060 | 60  | G、J、K | 37 | 200 | 1800 | 0.330 | 600 |
| SKHWI0603-062 | 62  | G、J、K | 37 | 200 | 1800 | 0.330 | 600 |
| SKHWI0603-068 | 68  | G、J、K | 37 | 200 | 1700 | 0.340 | 600 |
| SKHWI0603-072 | 72  | G、J、K | 34 | 150 | 1700 | 0.490 | 400 |
| SKHWI0603-075 | 75  | G、J、K | 28 | 150 | 1700 | 0.520 | 400 |
| SKHWI0603-082 | 82  | G、J、K | 34 | 150 | 1700 | 0.540 | 400 |
| SKHWI0603-085 | 85  | G、J、K | 34 | 150 | 1700 | 0.580 | 400 |
| SKHWI0603-091 | 91  | G、J、K | 28 | 150 | 1600 | 0.580 | 400 |
| SKHWI0603-R10 | 100 | J、K   | 34 | 150 | 1400 | 0.580 | 400 |
| SKHWI0603-R11 | 110 | J、K   | 32 | 150 | 1350 | 0.610 | 300 |
| SKHWI0603-R12 | 120 | J、K   | 32 | 150 | 1300 | 0.650 | 300 |
| SKHWI0603-R13 | 130 | J、K   | 32 | 150 | 1150 | 0.920 | 290 |
| SKHWI0603-R15 | 150 | J、K   | 28 | 150 | 990  | 0.920 | 280 |
| SKHWI0603-R16 | 160 | J、K   | 28 | 150 | 990  | 1.250 | 280 |
| SKHWI0603-R18 | 180 | J、K   | 25 | 100 | 990  | 1.250 | 240 |
| SKHWI0603-R20 | 200 | J、K   | 25 | 100 | 900  | 1.980 | 200 |
| SKHWI0603-R22 | 220 | J、K   | 25 | 100 | 900  | 2.100 | 200 |
| SKHWI0603-R24 | 240 | J、K   | 25 | 100 | 900  | 2.200 | 200 |
| SKHWI0603-R25 | 250 | J、K   | 25 | 100 | 882  | 2.550 | 120 |
| SKHWI0603-R27 | 270 | J、K   | 26 | 100 | 830  | 2.160 | 170 |
| SKHWI0603-R29 | 290 | J、K   | 25 | 100 | 800  | 3.200 | 100 |



# SKHWI Series

|               |     |     |    |     |     |       |     |
|---------------|-----|-----|----|-----|-----|-------|-----|
| SKHWI0603-R30 | 300 | J、K | 25 | 100 | 790 | 2.500 | 100 |
| SKHWI0603-R33 | 330 | J、K | 25 | 100 | 790 | 3.890 | 100 |
| SKHWI0603-R39 | 390 | J、K | 25 | 100 | 780 | 4.350 | 100 |
| SKHWI0603-R47 | 470 | J、K | 25 | 100 | 700 | 4.500 | 100 |
| SKHWI0603-R56 | 560 | J、K | 23 | 100 | 460 | 5.000 | 90  |

Note: Inductance deviation code is: G、J、K, G:±2%, J:±5%, K:±10%.

## SKHWI0805 TYPE

| Part Number   | Inductance | Inductance Tolerance | L Test Conditions | Quality Factor Min | Q Test Conditions | Self-resonant Frequency Min | Max. DC Resistance | Max. Rated Current |
|---------------|------------|----------------------|-------------------|--------------------|-------------------|-----------------------------|--------------------|--------------------|
| Units         | nH         | -                    | MHz               | -                  | MHz               | MHz                         | Ω                  | mA                 |
| Symbol        | L          | -                    | -                 | Q                  | -                 | S.R.F                       | DCR                | Ir                 |
| SKHWI0805-2N2 | 2.2        | J、K                  | 250               | 50                 | 1000              | 7900                        | 0.06               | 800                |
| SKHWI0805-2N7 | 2.7        | J、K                  | 250               | 50                 | 1000              | 7900                        | 0.06               | 800                |
| SKHWI0805-2N8 | 2.7        | J、K                  | 250               | 50                 | 1000              | 7900                        | 0.06               | 800                |
| SKHWI0805-2N9 | 2.9        | J、K                  | 250               | 50                 | 1000              | 7900                        | 0.06               | 800                |
| SKHWI0805-3N0 | 3          | J、K                  | 250               | 50                 | 1000              | 7900                        | 0.06               | 800                |
| SKHWI0805-3N3 | 3.3        | J、K                  | 250               | 40                 | 1500              | 7900                        | 0.08               | 600                |
| SKHWI0805-3N6 | 3.6        | J、K                  | 250               | 20                 | 1000              | 7900                        | 0.10               | 200                |
| SKHWI0805-3N9 | 3.9        | J、K                  | 250               | 20                 | 1000              | 7900                        | 0.11               | 150                |
| SKHWI0805-4N7 | 4.7        | J、K                  | 250               | 50                 | 1000              | 6200                        | 0.08               | 600                |
| SKHWI0805-5N1 | 5.1        | J、K                  | 250               | 50                 | 1000              | 6200                        | 0.08               | 600                |
| SKHWI0805-5N6 | 5.6        | J、K                  | 250               | 65                 | 1000              | 5900                        | 0.08               | 600                |
| SKHWI0805-6N2 | 6.2        | J、K                  | 250               | 65                 | 1000              | 5900                        | 0.08               | 600                |
| SKHWI0805-6N8 | 6.8        | J、K                  | 250               | 50                 | 1000              | 5600                        | 0.11               | 600                |
| SKHWI0805-7N5 | 7.5        | J、K                  | 250               | 50                 | 1000              | 4800                        | 0.14               | 600                |
| SKHWI0805-8N2 | 8,2        | J、K                  | 250               | 50                 | 1000              | 4400                        | 0.12               | 600                |
| SKHWI0805-9N1 | 9.1        | J、K                  | 250               | 60                 | 500               | 4300                        | 0.10               | 600                |
| SKHWI0805-010 | 10         | J、K                  | 250               | 60                 | 500               | 4300                        | 0.10               | 600                |
| SKHWI0805-012 | 12         | J、K                  | 250               | 50                 | 500               | 4000                        | 0.15               | 600                |
| SKHWI0805-015 | 15         | J、K                  | 250               | 50                 | 500               | 3200                        | 0.17               | 600                |
| SKHWI0805-016 | 16         | J、K                  | 250               | 50                 | 500               | 3200                        | 0.17               | 600                |
| SKHWI0805-018 | 18         | J、K                  | 250               | 50                 | 500               | 3100                        | 0.20               | 600                |
| SKHWI0805-020 | 20         | J、K                  | 250               | 55                 | 500               | 2600                        | 0.22               | 500                |



## SKHWI Series

|               |     |     |     |    |     |      |      |     |
|---------------|-----|-----|-----|----|-----|------|------|-----|
| SKHWI0805-022 | 22  | J、K | 250 | 55 | 500 | 2600 | 0.22 | 500 |
| SKHWI0805-023 | 23  | J、K | 250 | 50 | 500 | 2400 | 0.22 | 500 |
| SKHWI0805-024 | 24  | J、K | 250 | 50 | 500 | 2400 | 0.22 | 500 |
| SKHWI0805-025 | 25  | J、K | 250 | 50 | 500 | 2450 | 0.22 | 500 |
| SKHWI0805-027 | 27  | J、K | 250 | 55 | 500 | 2580 | 0.25 | 500 |
| SKHWI0805-030 | 30  | J、K | 250 | 55 | 500 | 2400 | 0.25 | 500 |
| SKHWI0805-033 | 33  | J、K | 250 | 60 | 500 | 2150 | 0.27 | 500 |
| SKHWI0805-036 | 36  | J、K | 250 | 55 | 500 | 1900 | 0.27 | 500 |
| SKHWI0805-039 | 39  | J、K | 250 | 60 | 500 | 1850 | 0.29 | 500 |
| SKHWI0805-043 | 43  | J、K | 200 | 60 | 500 | 1800 | 0.34 | 500 |
| SKHWI0805-047 | 47  | J、K | 200 | 60 | 500 | 1700 | 0.31 | 500 |
| SKHWI0805-050 | 50  | J、K | 200 | 60 | 500 | 1650 | 0.34 | 500 |
| SKHWI0805-056 | 56  | J、K | 200 | 60 | 500 | 1600 | 0.34 | 500 |
| SKHWI0805-062 | 62  | J、K | 200 | 60 | 500 | 1450 | 0.36 | 500 |
| SKHWI0805-064 | 64  | J、K | 200 | 60 | 500 | 1500 | 0.38 | 500 |
| SKHWI0805-066 | 66  | J、K | 200 | 60 | 500 | 1500 | 0.38 | 500 |
| SKHWI0805-068 | 68  | J、K | 200 | 60 | 500 | 1500 | 0.38 | 500 |
| SKHWI0805-075 | 78  | J、K | 150 | 60 | 500 | 1400 | 0.40 | 450 |
| SKHWI0805-078 | 75  | J、K | 150 | 60 | 500 | 1400 | 0.40 | 450 |
| SKHWI0805-082 | 82  | J、K | 150 | 65 | 500 | 1330 | 0.42 | 400 |
| SKHWI0805-091 | 91  | J、K | 150 | 65 | 500 | 1330 | 0.48 | 400 |
| SKHWI0805-092 | 92  | J、K | 150 | 65 | 500 | 1330 | 0.48 | 400 |
| SKHWI0805-R10 | 100 | J、K | 150 | 65 | 500 | 1250 | 0.46 | 400 |
| SKHWI0805-R11 | 110 | J、K | 150 | 50 | 250 | 1100 | 0.48 | 400 |
| SKHWI0805-R12 | 120 | J、K | 150 | 50 | 250 | 1100 | 0.51 | 400 |
| SKHWI0805-R14 | 140 | J、K | 100 | 50 | 250 | 920  | 0.56 | 400 |
| SKHWI0805-R15 | 150 | J、K | 100 | 50 | 250 | 920  | 0.56 | 400 |
| SKHWI0805-R16 | 160 | J、K | 100 | 50 | 250 | 920  | 0.60 | 400 |
| SKHWI0805-R18 | 180 | J、K | 100 | 50 | 250 | 920  | 0.64 | 400 |
| SKHWI0805-R20 | 200 | J、K | 100 | 50 | 250 | 860  | 0.68 | 400 |
| SKHWI0805-R22 | 220 | J、K | 100 | 50 | 250 | 820  | 0.70 | 400 |
| SKHWI0805-R24 | 240 | J、K | 100 | 44 | 250 | 770  | 1.00 | 350 |
| SKHWI0805-R25 | 250 | J、K | 100 | 45 | 250 | 750  | 1.20 | 350 |
| SKHWI0805-R27 | 270 | J、K | 100 | 48 | 250 | 730  | 1.00 | 350 |
| SKHWI0805-R28 | 280 | J、K | 100 | 48 | 250 | 550  | 1.35 | 350 |



## SKHWI Series

|               |      |     |     |    |     |     |      |     |
|---------------|------|-----|-----|----|-----|-----|------|-----|
| SKHWI0805-R29 | 290  | J、K | 150 | 48 | 250 | 450 | 1.40 | 310 |
| SKHWI0805-R30 | 300  | J、K | 150 | 48 | 250 | 450 | 1.40 | 310 |
| SKHWI0805-R33 | 330  | J、K | 100 | 48 | 250 | 650 | 1.40 | 310 |
| SKHWI0805-R36 | 360  | J、K | 100 | 48 | 250 | 630 | 1.45 | 300 |
| SKHWI0805-R39 | 390  | J、K | 100 | 48 | 250 | 600 | 1.50 | 290 |
| SKHWI0805-R42 | 420  | J、K | 50  | 33 | 100 | 425 | 1.70 | 250 |
| SKHWI0805-R43 | 430  | J、K | 50  | 33 | 100 | 425 | 1.70 | 250 |
| SKHWI0805-R47 | 470  | J、K | 50  | 33 | 100 | 375 | 1.76 | 250 |
| SKHWI0805-R56 | 560  | J、K | 25  | 23 | 50  | 330 | 1.90 | 230 |
| SKHWI0805-R62 | 620  | J、K | 25  | 23 | 50  | 320 | 2.20 | 210 |
| SKHWI0805-R68 | 680  | J、K | 25  | 23 | 50  | 310 | 2.20 | 190 |
| SKHWI0805-R75 | 750  | J、K | 25  | 23 | 50  | 310 | 2.3  | 180 |
| SKHWI0805-R82 | 820  | J、K | 25  | 23 | 50  | 310 | 2.35 | 180 |
| SKHWI0805-R88 | 880  | J、K | 25  | 23 | 50  | 310 | 2.35 | 180 |
| SKHWI0805-R91 | 910  | J、K | 25  | 22 | 50  | 250 | 2.45 | 170 |
| SKHWI0805-1R0 | 1000 | J、K | 25  | 20 | 50  | 220 | 2.50 | 170 |
| SKHWI0805-1R2 | 1200 | J、K | 25  | 20 | 25  | 180 | 2.9  | 150 |
| SKHWI0805-1B5 | 1500 | J、K | 25  | 20 | 25  | 160 | 3.3  | 150 |
| SKHWI0805-1B6 | 1600 | J、K | 25  | 20 | 25  | 140 | 3.4  | 150 |
| SKHWI0805-1B8 | 1800 | J、K | 25  | 20 | 25  | 130 | 3.5  | 120 |
| SKHWI0805-2R2 | 2200 | J、K | 25  | 20 | 25  | 100 | 4.5  | 120 |
| SKHWI0805-2R7 | 2700 | J、K | 25  | 18 | 25  | 80  | 4.8  | 100 |
| SKHWI0805-3R0 | 3000 | J、K | 25  | 18 | 25  | 60  | 5.00 | 60  |
| SKHWI0805-3R3 | 3300 | J、K | 25  | 18 | 25  | 50  | 6.8  | 50  |
| SKHWI0805-4R7 | 4700 | J、K | 25  | 18 | 25  | 40  | 7.00 | 30  |

Note: Inductance deviation code is: J or K, J:±5%, K:±10%.



# SKHWI Series

## SKHWI1008 TYPE

| Part Number   | Inductance | Inductance Tolerance | L Test Conditions | Quality Factor Min | Q Test Conditions | Self-resonant Frequency Min | Max. DC Resistance | Max. Rated Current |
|---------------|------------|----------------------|-------------------|--------------------|-------------------|-----------------------------|--------------------|--------------------|
| Units         | nH         |                      | MHz               |                    | MHz               | MHz                         | $\Omega$           | mA                 |
| Symbol        | L          |                      |                   | Q                  |                   | S.R.F                       | DCR                | Ir                 |
| SKHWI1008-3N9 | 3.9        | J、K                  | 50                | 50                 | 500               | 4100                        | 0.08               | 1000               |
| SKHWI1008-4N7 | 4.7        | J、K                  | 50                | 50                 | 500               | 4100                        | 0.08               | 1000               |
| SKHWI1008-5N6 | 5.6        | J、K                  | 50                | 30                 | 500               | 4100                        | 0.20               | 650                |
| SKHWI1008-6N2 | 6.2        | J、K                  | 50                | 20                 | 500               | 4100                        | 0.20               | 400                |
| SKHWI1008-010 | 10         | G、J、K                | 50                | 50                 | 500               | 4100                        | 0.08               | 1000               |
| SKHWI1008-012 | 12         | G、J、K                | 50                | 50                 | 500               | 3300                        | 0.09               | 1000               |
| SKHWI1008-015 | 15         | G、J、K                | 50                | 50                 | 500               | 2500                        | 0.10               | 1000               |
| SKHWI1008-018 | 18         | G、J、K                | 50                | 50                 | 350               | 2500                        | 0.11               | 1000               |
| SKHWI1008-022 | 22         | G、J、K                | 50                | 55                 | 350               | 2400                        | 0.12               | 1000               |
| SKHWI1008-024 | 24         | G、J、K                | 50                | 55                 | 350               | 1600                        | 0.13               | 1000               |
| SKHWI1008-027 | 27         | G、J、K                | 50                | 55                 | 350               | 1600                        | 0.13               | 1000               |
| SKHWI1008-033 | 33         | G、J、K                | 50                | 60                 | 350               | 1600                        | 0.13               | 1000               |
| SKHWI1008-036 | 36         | G、J、K                | 50                | 60                 | 350               | 1500                        | 0.15               | 1000               |
| SKHWI1008-039 | 39         | G、J、K                | 50                | 60                 | 350               | 1500                        | 0.15               | 1000               |
| SKHWI1008-047 | 47         | G、J、K                | 50                | 65                 | 350               | 1500                        | 0.16               | 1000               |
| SKHWI1008-051 | 51         | G、J、K                | 50                | 65                 | 350               | 1300                        | 0.18               | 1000               |
| SKHWI1008-054 | 54         | G、J、K                | 50                | 65                 | 350               | 1300                        | 0.18               | 1000               |
| SKHWI1008-056 | 56         | G、J、K                | 50                | 65                 | 350               | 1300                        | 0.18               | 1000               |
| SKHWI1008-065 | 65         | G、J、K                | 50                | 65                 | 350               | 1300                        | 0.20               | 1000               |
| SKHWI1008-068 | 68         | G、J、K                | 50                | 65                 | 350               | 1300                        | 0.20               | 1000               |
| SKHWI1008-075 | 75         | G、J、K                | 50                | 60                 | 350               | 1000                        | 0.22               | 1000               |
| SKHWI1008-082 | 82         | G、J、K                | 50                | 60                 | 350               | 1000                        | 0.22               | 1000               |
| SKHWI1008-R10 | 100        | G、J、K                | 25                | 60                 | 350               | 1000                        | 0.56               | 650                |
| SKHWI1008-R11 | 110        | G、J、K                | 25                | 60                 | 350               | 950                         | 0.63               | 650                |
| SKHWI1008-R12 | 120        | G、J、K                | 25                | 60                 | 350               | 950                         | 63                 | 650                |
| SKHWI1008-R15 | 150        | G、J、K                | 25                | 45                 | 100               | 850                         | 0.70               | 580                |
| SKHWI1008-R18 | 180        | G、J、K                | 25                | 45                 | 100               | 750                         | 0.77               | 620                |
| SKHWI1008-R20 | 200        | G、J、K                | 25                | 45                 | 100               | 700                         | 0.84               | 500                |



## SKHVI Series

|               |      |       |     |    |     |     |      |     |
|---------------|------|-------|-----|----|-----|-----|------|-----|
| SKHWI1008-R21 | 210  | G、J、K | 25  | 45 | 100 | 700 | 0.84 | 500 |
| SKHWI1008-R22 | 220  | G、J、K | 25  | 45 | 100 | 700 | 0.84 | 500 |
| SKHWI1008-R24 | 240  | G、J、K | 25  | 45 | 100 | 700 | 0.84 | 500 |
| SKHWI1008-R26 | 260  | G、J、K | 25  | 45 | 100 | 600 | 0.91 | 500 |
| SKHWI1008-R27 | 270  | G、J、K | 25  | 45 | 100 | 600 | 0.91 | 500 |
| SKHWI1008-R29 | 290  | G、J、K | 25  | 45 | 100 | 570 | 1.05 | 450 |
| SKHWI1008-R30 | 300  | G、J、K | 25  | 45 | 100 | 570 | 1.05 | 450 |
| SKHWI1008-R33 | 330  | G、J、K | 25  | 45 | 100 | 570 | 1.05 | 450 |
| SKHWI1008-R35 | 350  | G、J、K | 25  | 45 | 100 | 500 | 1.12 | 470 |
| SKHWI1008-R36 | 360  | G、J、K | 25  | 45 | 100 | 500 | 1.12 | 470 |
| SKHWI1008-R39 | 390  | G、J、K | 25  | 45 | 100 | 500 | 1.12 | 470 |
| SKHWI1008-R43 | 430  | G、J、K | 25  | 45 | 100 | 450 | 1.19 | 470 |
| SKHWI1008-R47 | 470  | G、J、K | 25  | 45 | 100 | 450 | 1.19 | 470 |
| SKHWI1008-R51 | 510  | G、J、K | 25  | 45 | 100 | 415 | 1.33 | 400 |
| SKHWI1008-R54 | 540  | G、J、K | 25  | 45 | 100 | 415 | 1.33 | 400 |
| SKHWI1008-R56 | 560  | G、J、K | 25  | 45 | 100 | 415 | 1.33 | 400 |
| SKHWI1008-R62 | 620  | G、J、K | 25  | 45 | 100 | 375 | 1.40 | 300 |
| SKHWI1008-R64 | 640  | G、J、K | 25  | 45 | 100 | 375 | 1.40 | 300 |
| SKHWI1008-R66 | 660  | G、J、K | 25  | 45 | 100 | 375 | 1.47 | 400 |
| SKHWI1008-R68 | 680  | G、J、K | 25  | 45 | 100 | 375 | 1.47 | 400 |
| SKHWI1008-R75 | 750  | G、J、K | 25  | 45 | 100 | 360 | 1.54 | 360 |
| SKHWI1008-R82 | 820  | G、J、K | 25  | 45 | 100 | 350 | 1.61 | 400 |
| SKHWI1008-R88 | 880  | G、J、K | 25  | 35 | 50  | 320 | 1.68 | 380 |
| SKHWI1008-R91 | 910  | G、J、K | 25  | 35 | 50  | 320 | 1.68 | 380 |
| SKHWI1008-1R0 | 1000 | G、J、K | 25  | 35 | 50  | 290 | 1.75 | 370 |
| SKHWI1008-1R2 | 1200 | J、K   | 7.9 | 35 | 50  | 250 | 2.00 | 310 |
| SKHWI1008-1R5 | 1500 | J、K   | 7.9 | 28 | 50  | 200 | 2.30 | 330 |
| SKHWI1008-1R6 | 1600 | J、K   | 7.9 | 28 | 50  | 200 | 230  | 330 |
| SKHWI1008-1R8 | 1800 | J、K   | 7.9 | 28 | 50  | 160 | 2.60 | 300 |
| SKHWI1008-2R0 | 2000 | J、K   | 7.9 | 28 | 50  | 160 | 2.80 | 280 |
| SKHWI1008-2R2 | 2200 | J、K   | 7.9 | 28 | 50  | 160 | 2.80 | 280 |
| SKHWI1008-2R7 | 2700 | J、K   | 7.9 | 22 | 25  | 140 | 3.20 | 290 |
| SKHWI1008-3R3 | 3300 | J、K   | 7.9 | 22 | 25  | 110 | 3.40 | 290 |
| SKHWI1008-3R9 | 3900 | J、K   | 7.9 | 20 | 25  | 100 | 3.60 | 260 |
| SKHWI1008-4R7 | 4700 | J、K   | 7.9 | 20 | 7.9 | 60  | 4.00 | 260 |



# SKHWI Series

|               |       |     |     |    |     |    |       |     |
|---------------|-------|-----|-----|----|-----|----|-------|-----|
| SKHWI1008-5R6 | 5600  | J、K | 7.9 | 16 | 7.9 | 20 | 5.70  | 240 |
| SKHWI1008-6R8 | 6800  | J、K | 7.9 | 18 | 7.9 | 40 | 7.70  | 200 |
| SKHWI1008-8R2 | 8200  | J、K | 7.9 | 18 | 7.9 | 25 | 10.70 | 170 |
| SKHWI1008-100 | 10000 | J、K | 7.9 | 18 | 7.9 | 25 | 12.70 | 100 |

Note: Inductance deviation code is: G、J、K, G:±2%, J:±5%, K:±10%.

## SKHWI1210 TYPE

| Part Number   | Inductance | Inductance Tolerance | L Test Conditions | Quality Factor Min | Q Test Conditions | Self-resonant Frequency Min | Max. DC Resistance | Max. Rated Current |
|---------------|------------|----------------------|-------------------|--------------------|-------------------|-----------------------------|--------------------|--------------------|
| Units         | nH         | -                    | MHz               | -                  | MHz               | MHz                         | Ω                  | mA                 |
| Symbol        | L          |                      |                   | Q                  |                   | S.R.F                       | DCR                | Ir                 |
| SKHWI1210-012 | 12         | J、K                  | 100               | 40                 | 300               | 3200                        | 0.08               | 1000               |
| SKHWI1210-015 | 15         | J、K                  | 100               | 40                 | 300               | 3200                        | 0.20               | 1000               |
| SKHWI1210-033 | 33         | J、K                  | 100               | 55                 | 300               | 1800                        | 0.11               | 1000               |
| SKHWI1210-056 | 56         | J、K                  | 100               | 55                 | 300               | 1450                        | 0.14               | 1000               |
| SKHWI1210-R10 | 100        | J、K                  | 100               | 55                 | 300               | 900                         | 0.20               | 850                |
| SKHWI1210-R12 | 120        | J、K                  | 100               | 60                 | 300               | 800                         | 0.25               | 800                |
| SKHWI1210-R15 | 150        | J、K                  | 100               | 60                 | 300               | 700                         | 0.3                | 750                |
| SKHWI1210-R18 | 180        | J、K                  | 50                | 60                 | 300               | 650                         | 0.3                | 700                |
| SKHWI1210-R22 | 220        | J、K                  | 50                | 60                 | 300               | 650                         | 0.4                | 770                |
| SKHWI1210-R24 | 240        | J、K                  | 50                | 40                 | 300               | 580                         | 0.40               | 630                |
| SKHWI1210-R27 | 270        | J、K                  | 50                | 40                 | 300               | 580                         | 0.4                | 630                |
| SKHWI1210-R33 | 330        | J、K                  | 50                | 45                 | 150               | 580                         | 0.58               | 590                |
| SKHWI1210-R36 | 360        | J、K                  | 50                | 45                 | 150               | 510                         | 0.58               | 530                |
| SKHWI1210-R39 | 390        | J、K                  | 50                | 45                 | 150               | 510                         | 0.58               | 530                |
| SKHWI1210-R47 | 470        | J、K                  | 50                | 45                 | 150               | 80                          | 1.00               | 90                 |
| SKHWI1210-R68 | 680        | J、K                  | 25                | 45                 | 150               | 400                         | 1.2                | 430                |
| SKHWI1210-1R0 | 1000       | J、K                  | 25                | 45                 | 150               | 340                         | 1.85               | 320                |
| SKHWI1210-1R5 | 1500       | J、K                  | 7.9               | 20                 | 50                | 160                         | 2.7                | 310                |
| SKHWI1210-1R8 | 1800       | J、K                  | 7.9               | 30                 | 50                | 160                         | 3.50               | 310                |
| SKHWI1210-2R2 | 2200       | J、K                  | 7.9               | 25                 | 50                | 130                         | 2.41               | 310                |
| SKHWI1210-2R7 | 2700       | J、K                  | 7.9               | 25                 | 50                | 110                         | 3.5                | 300                |
| SKHWI1210-3R3 | 3300       | J、K                  | 7.9               | 20                 | 25                | 60                          | 4                  | 290                |
| SKHWI1210-4R7 | 4700       | J、K                  | 7.9               | 20                 | 25                | 60                          | 5.00               | 280                |



## SKHWI Series

|               |       |     |     |    |     |    |       |     |
|---------------|-------|-----|-----|----|-----|----|-------|-----|
| SKHWI1210-5R6 | 5600  | J、K | 7.9 | 15 | 25  | 50 | 6     | 250 |
| SKHWI1210-6R8 | 6800  | J、K | 7.9 | 15 | 7.9 | 40 | 9     | 230 |
| SKHWI1210-7R5 | 7500  | J、K | 7.9 | 20 | 7.9 | 50 | 9.5   | 170 |
| SKHWI1210-8R2 | 8200  | J、K | 7.9 | 20 | 7.9 | 50 | 9.5   | 170 |
| SKHWI1210-100 | 10000 | J、K | 7.9 | 15 | 7.9 | 30 | 10.00 | 150 |

Note: Inductance deviation code is: J or K, J:  $\pm 5\%$ , K:  $\pm 10\%$ .