



## Power Inductor

### FEATURES

- Excellent high saturation resistance
- Small volume, thin thickness

### APPLICATIONS

- It can be used as energy storage inductance and filter inductance in various DC-DC converters and chargers



### PRODUCT IDENTIFICATION



### SHAPE AND DIMENSIONS



| Type specification | Product size |         |         |        |
|--------------------|--------------|---------|---------|--------|
|                    | φ A1         | A2      | B       | C(RET) |
| SKSM3521           | 3.5±0.2      | 3.0±0.2 | 2.1±0.3 | 0.8    |
| SKSM4520           | 4.5±0.2      | 4.0±0.2 | 2.0±0.3 | 1.2    |
| SKSM4532           | 4.5±0.2      | 4.0±0.2 | 3.2±0.3 | 1.2    |
| SKSM5830           | 5.8±0.2      | 5.2±0.2 | 3.0±0.3 | 1.5    |
| SKSM5845           | 5.8±0.2      | 5.2±0.2 | 4.5±0.3 | 1.5    |
| SKSM7835           | 7.8±0.2      | 7.0±0.2 | 3.5±0.3 | 2.1    |
| SKSM7850           | 7.8±0.2      | 7.0±0.2 | 5.0±0.3 | 2.1    |
| SKSM1040           | 10.0±0.2     | 9.0±0.2 | 4.0±0.3 | 2.5    |
| SKSM1054           | 10.0±0.2     | 9.0±0.2 | 5.4±0.3 | 2.5    |



## RECOMMENDED PAD SIZE



Units:mm

| Type specification   | Recommended pad size |         |         |
|----------------------|----------------------|---------|---------|
|                      | D                    | E       | F       |
| SKSM3521             | 3.9±0.2              | 1.0±0.2 | 3.4±0.2 |
| SKSM4520<br>SKSM4532 | 4.9±0.2              | 1.0±0.2 | 4.4±0.2 |
| SKSM5830<br>SKSM5845 | 6.2±0.2              | 1.2±0.2 | 5.4±0.2 |
| SKSM7835             | 8.2±0.2              | 1.8±0.2 | 7.2±0.2 |
| SKSM7850             | 8.2±0.2              | 1.8±0.2 | 7.2±0.2 |
| SKSM1040             | 10.4±0.2             | 2.3±0.2 | 9.2±0.2 |
| SKSM1054             | 10.4±0.2             | 2.3±0.2 | 9.2±0.2 |

## SPECIFICATIONS

### SKSM3521 TYPE

| Part Number  | Inductance | Inductance Tolerance | L Test Freq. | Max. DC Resistance | Rated Current  |
|--------------|------------|----------------------|--------------|--------------------|----------------|
| Units        | μH         | -                    | KHz/V        | Ω                  | mA             |
| Symbol       | L          | -                    | Freq         | DCR                | I <sub>r</sub> |
| SKSM3521-1R0 | 1.0        | M、N                  | 100/0.25     | 0.04               | 2250           |
| SKSM3521-1R4 | 1.4        | M、N                  | 100/0.25     | 0.06               | 2000           |
| SKSM3521-1R8 | 1.8        | M、N                  | 100/0.25     | 0.065              | 1800           |
| SKSM3521-2R2 | 2.2        | M、N                  | 100/0.25     | 0.07               | 1700           |
| SKSM3521-2R7 | 2.7        | M、N                  | 100/0.25     | 0.09               | 1500           |
| SKSM3521-3R3 | 3.3        | M、N                  | 100/0.25     | 0.10               | 1450           |
| SKSM3521-3R9 | 3.9        | M、N                  | 100/0.25     | 0.12               | 1200           |
| SKSM3521-4R7 | 4.7        | M、N                  | 100/0.25     | 0.14               | 1150           |
| SKSM3521-5R6 | 5.6        | M、N                  | 100/0.25     | 0.16               | 1050           |
| SKSM3521-6R8 | 6.8        | M、N                  | 100/0.25     | 0.20               | 950            |
| SKSM3521-8R2 | 8.2        | M、N                  | 100/0.25     | 0.23               | 900            |
| SKSM3521-100 | 10         | M、N                  | 100/0.25     | 0.29               | 800            |
| SKSM3521-120 | 12         | M、N                  | 100/0.25     | 0.32               | 700            |
| SKSM3521-150 | 15         | M、N                  | 100/0.25     | 0.40               | 650            |
| SKSM3521-180 | 18         | M、N                  | 100/0.25     | 0.52               | 600            |
| SKSM3521-220 | 22         | M、N                  | 100/0.25     | 0.66               | 550            |
| SKSM3521-270 | 27         | M、N                  | 100/0.25     | 0.76               | 500            |
| SKSM3521-330 | 33         | M、N                  | 100/0.25     | 0.87               | 450            |
| SKSM3521-390 | 39         | M、N                  | 100/0.25     | 1.10               | 400            |



## SKSM Series

| Part Number  | Inductance    | Inductance Tolerance | L Test Freq. | Max. DC Resistance | Rated Current  |
|--------------|---------------|----------------------|--------------|--------------------|----------------|
| Units        | $\mu\text{H}$ | -                    | KHz/V        | $\Omega$           | mA             |
| Symbol       | L             | -                    | Freq         | DCR                | I <sub>r</sub> |
| SKSM3521-470 | 47            | M、N                  | 100/0.25     | 1.20               | 350            |
| SKSM3521-560 | 56            | M、N                  | 100/0.25     | 1.59               | 320            |
| SKSM3521-680 | 68            | M、N                  | 100/0.25     | 1.82               | 300            |
| SKSM3521-820 | 82            | M、N                  | 100/0.25     | 2.44               | 280            |
| SKSM3521-101 | 100           | M、N                  | 100/0.25     | 2.84               | 260            |
| SKSM3521-271 | 270           | M、N                  | 100/0.25     | 8.24               | 160            |
| SKSM3521-331 | 330           | M、N                  | 100/0.25     | 10.19              | 140            |
| SKSM3521-471 | 470           | M、N                  | 100/0.25     | 21.5               | 120            |

### SKSM4520 TYPE

| Part Number  | Inductance    | Inductance Tolerance | L Test Freq. | Max. DC Resistance | Rated Current  |
|--------------|---------------|----------------------|--------------|--------------------|----------------|
| Units        | $\mu\text{H}$ | -                    | KHz/V        | $\Omega$           | mA             |
| Symbol       | L             | -                    | Freq         | DCR                | I <sub>r</sub> |
| SKSM4520-1R0 | 1.0           | M、N                  | 100/0.25     | 0.035              | 2700           |
| SKSM4520-1R5 | 1.5           | M、N                  | 100/0.25     | 0.04               | 2500           |
| SKSM4520-2R2 | 2.2           | M、N                  | 100/0.25     | 0.055              | 2000           |
| SKSM4520-3R3 | 3.3           | M、N                  | 100/0.25     | 0.070              | 1750           |
| SKSM4520-4R7 | 4.7           | M、N                  | 100/0.25     | 0.095              | 1500           |
| SKSM4520-5R6 | 5.6           | M、N                  | 100/0.25     | 0.11               | 1400           |
| SKSM4520-6R8 | 6.8           | M、N                  | 100/0.25     | 0.14               | 1200           |
| SKSM4520-8R2 | 8.2           | M、N                  | 100/0.25     | 0.16               | 1100           |
| SKSM4520-100 | 10            | M、N                  | 100/0.25     | 0.20               | 1000           |
| SKSM4520-150 | 15            | M、N                  | 100/0.25     | 0.29               | 820            |
| SKSM4520-180 | 18            | M、N                  | 100/0.25     | 0.34               | 800            |
| SKSM4520-220 | 22            | M、N                  | 100/0.25     | 0.40               | 680            |
| SKSM4520-330 | 33            | M、N                  | 100/0.25     | 0.60               | 550            |
| SKSM4520-470 | 47            | M、N                  | 100/0.25     | 1.0                | 460            |
| SKSM4520-680 | 68            | M、N                  | 100/0.25     | 1.3                | 390            |
| SKSM4520-820 | 82            | M、N                  | 100/0.25     | 1.5                | 350            |
| SKSM4520-121 | 120           | M、N                  | 100/0.25     | 1.9                | 320            |



### SKSM4532 TYPE

| Part Number  | Inductance | Inductance Tolerance | L Test Freq. | Max. DC Resistance | Rated Current  |
|--------------|------------|----------------------|--------------|--------------------|----------------|
| Units        | μH         | -                    | KHz/V        | Ω                  | mA             |
| Symbol       | L          | -                    | Freq         | DCR                | I <sub>r</sub> |
| SKSM4532-1R0 | 1.0        | M、N                  | 100/0.25     | 0.033              | 3800           |
| SKSM4532-1R4 | 1.4        | M、N                  | 100/0.25     | 0.038              | 3300           |
| SKSM4532-1R8 | 1.8        | M、N                  | 100/0.25     | 0.042              | 2910           |
| SKSM4532-2R2 | 2.2        | M、N                  | 100/0.25     | 0.047              | 2600           |
| SKSM4532-2R7 | 2.7        | M、N                  | 100/0.25     | 0.052              | 2430           |
| SKSM4532-3R3 | 3.3        | M、N                  | 100/0.25     | 0.058              | 2150           |
| SKSM4532-3R9 | 3.9        | M、N                  | 100/0.25     | 0.072              | 1980           |
| SKSM4532-4R7 | 4.7        | M、N                  | 100/0.25     | 0.080              | 1700           |
| SKSM4532-5R6 | 5.6        | M、N                  | 100/0.25     | 0.098              | 1600           |
| SKSM4532-6R8 | 6.8        | M、N                  | 100/0.25     | 0.120              | 1410           |
| SKSM4532-8R2 | 8.2        | M、N                  | 100/0.25     | 0.132              | 1260           |
| SKSM4532-100 | 10         | M、N                  | 100/0.25     | 0.175              | 1150           |
| SKSM4532-120 | 12         | M、N                  | 100/0.25     | 0.200              | 1050           |
| SKSM4532-150 | 15         | M、N                  | 100/0.25     | 0.235              | 850            |
| SKSM4532-180 | 18         | M、N                  | 100/0.25     | 0.280              | 840            |
| SKSM4532-220 | 22         | M、N                  | 100/0.25     | 0.378              | 760            |
| SKSM4532-270 | 27         | M、N                  | 100/0.25     | 0.450              | 710            |
| SKSM4532-330 | 33         | M、N                  | 100/0.25     | 0.540              | 640            |
| SKSM4532-390 | 39         | M、N                  | 100/0.25     | 0.630              | 590            |
| SKSM4532-470 | 47         | M、N                  | 100/0.25     | 0.820              | 540            |
| SKSM4532-680 | 68         | M、N                  | 100/0.25     | 0.930              | 370            |
| SKSM4532-101 | 100        | M、N                  | 100/0.25     | 1.350              | 400            |
| SKSM4532-221 | 220        | M、N                  | 100/0.25     | 2.600              | 300            |
| SKSM4532-331 | 330        | M、N                  | 100/0.25     | 3.5                | 220            |
| SKSM4532-471 | 470        | M、N                  | 100/0.25     | 4.2                | 180            |
| SKSM4532-561 | 560        | M、N                  | 100/0.25     | 6.0                | 120            |
| SKSM4532-681 | 680        | M、N                  | 100/0.25     | 7.0                | 100            |
| SKSM4532-102 | 1000       | M、N                  | 100/0.25     | 12.5               | 50             |



### SKSM5845 TYPE

| Part Number  | Inductance | Inductance Tolerance | L Test Freq. | Max. DC Resistance | Rated Current  |
|--------------|------------|----------------------|--------------|--------------------|----------------|
| Units        | μH         | -                    | KHz/V        | Ω                  | mA             |
| Symbol       | L          | -                    | Freq         | DCR                | I <sub>r</sub> |
| SKSM5845-1R0 | 1.0        | M、N                  | 100/0.25     | 0.010              | 5000           |
| SKSM5845-1R8 | 1.8        | M、N                  | 100/0.25     | 0.018              | 4000           |
| SKSM5845-2R7 | 2.7        | M、N                  | 100/0.25     | 0.023              | 3000           |
| SKSM5845-3R3 | 3.3        | M、N                  | 100/0.25     | 0.028              | 2500           |
| SKSM5845-3R9 | 3.9        | M、N                  | 100/0.25     | 0.030              | 2000           |
| SKSM5845-4R7 | 4.7        | M、N                  | 100/0.25     | 0.033              | 1800           |
| SKSM5845-5R6 | 5.6        | M、N                  | 100/0.25     | 0.040              | 1650           |
| SKSM5845-6R8 | 6.8        | M、N                  | 100/0.25     | 0.045              | 1600           |
| SKSM5845-8R2 | 8.2        | M、N                  | 100/0.25     | 0.055              | 1500           |
| SKSM5845-100 | 10         | M、N                  | 100/0.25     | 0.10               | 1440           |
| SKSM5845-120 | 12         | M、N                  | 100/0.25     | 0.12               | 1400           |
| SKSM5845-150 | 15         | M、N                  | 100/0.25     | 0.14               | 1300           |
| SKSM5845-180 | 18         | M、N                  | 100/0.25     | 0.15               | 1230           |
| SKSM5845-220 | 22         | M、N                  | 100/0.25     | 0.18               | 1110           |
| SKSM5845-270 | 27         | M、N                  | 100/0.25     | 0.20               | 970            |
| SKSM5845-330 | 33         | M、N                  | 100/0.25     | 0.23               | 880            |
| SKSM5845-390 | 39         | M、N                  | 100/0.25     | 0.32               | 800            |
| SKSM5845-470 | 47         | M、N                  | 100/0.25     | 0.37               | 720            |
| SKSM5845-560 | 56         | M、N                  | 100/0.25     | 0.42               | 680            |
| SKSM5845-680 | 68         | M、N                  | 100/0.25     | 0.46               | 610            |
| SKSM5845-820 | 82         | M、N                  | 100/0.25     | 0.60               | 580            |
| SKSM5845-101 | 100        | M、N                  | 100/0.25     | 0.70               | 520            |
| SKSM5845-121 | 120        | M、N                  | 100/0.25     | 0.93               | 480            |
| SKSM5845-151 | 150        | M、N                  | 100/0.25     | 1.10               | 400            |
| SKSM5845-181 | 180        | M、N                  | 100/0.25     | 1.38               | 380            |
| SKSM5845-221 | 220        | M、N                  | 100/0.25     | 1.57               | 350            |



### SKSM7835 TYPE

| Part Number  | Inductance | Inductance Tolerance | L Test Freq. | Max. DC Resistance | Rated Current  |
|--------------|------------|----------------------|--------------|--------------------|----------------|
| Units        | μH         | -                    | KHz/V        | Ω                  | mA             |
| Symbol       | L          | -                    | Freq         | DCR                | I <sub>r</sub> |
| SKSM7835-1R0 | 1.0        | M、N                  | 100/0.25     | 0.015              | 6500           |
| SKSM7835-1R8 | 1.8        | M、N                  | 100/0.25     | 0.020              | 4500           |
| SKSM7835-2R7 | 2.7        | M、N                  | 100/0.25     | 0.025              | 3800           |
| SKSM7835-3R3 | 3.3        | M、N                  | 100/0.25     | 0.030              | 3500           |
| SKSM7835-3R9 | 3.9        | M、N                  | 100/0.25     | 0.032              | 3000           |
| SKSM7835-4R7 | 4.7        | M、N                  | 100/0.25     | 0.040              | 2800           |
| SKSM7835-5R6 | 5.6        | M、N                  | 100/0.25     | 0.055              | 2600           |
| SKSM7835-6R8 | 6.8        | M、N                  | 100/0.25     | 0.065              | 2400           |
| SKSM7835-8R2 | 8.2        | M、N                  | 100/0.25     | 0.075              | 2000           |
| SKSM7835-100 | 10         | M、N                  | 100/0.25     | 0.080              | 1900           |
| SKSM7835-120 | 12         | M、N                  | 100/0.25     | 0.090              | 1700           |
| SKSM7835-150 | 15         | M、N                  | 100/0.25     | 0.095              | 1500           |
| SKSM7835-180 | 18         | M、N                  | 100/0.25     | 0.100              | 1400           |
| SKSM7835-220 | 22         | M、N                  | 100/0.25     | 0.13               | 1200           |
| SKSM7835-270 | 27         | M、N                  | 100/0.25     | 0.15               | 1100           |
| SKSM7835-330 | 33         | M、N                  | 100/0.25     | 0.18               | 1000           |
| SKSM7835-390 | 39         | M、N                  | 100/0.25     | 0.22               | 900            |
| SKSM7835-470 | 47         | M、N                  | 100/0.25     | 0.25               | 850            |
| SKSM7835-560 | 56         | M、N                  | 100/0.25     | 0.30               | 800            |
| SKSM7835-680 | 68         | M、N                  | 100/0.25     | 0.33               | 700            |
| SKSM7835-820 | 82         | M、N                  | 100/0.25     | 0.41               | 650            |
| SKSM7835-101 | 100        | M、N                  | 100/0.25     | 0.48               | 600            |
| SKSM7835-121 | 120        | M、N                  | 100/0.25     | 0.60               | 550            |
| SKSM7835-151 | 150        | M、N                  | 100/0.25     | 0.75               | 500            |
| SKSM7835-181 | 180        | M、N                  | 100/0.25     | 1.02               | 450            |
| SKSM7835-221 | 220        | M、N                  | 100/0.25     | 1.2                | 400            |
| SKSM7835-271 | 270        | M、N                  | 100/0.25     | 1.4                | 320            |
| SKSM7835-331 | 330        | M、N                  | 100/0.25     | 1.7                | 280            |
| SKSM7835-471 | 470        | M、N                  | 100/0.25     | 2.5                | 250            |
| SKSM7835-561 | 560        | M、N                  | 100/0.25     | 3.0                | 240            |
| SKSM7835-681 | 680        | M、N                  | 100/0.25     | 3.7                | 220            |
| SKSM7835-821 | 820        | M、N                  | 100/0.25     | 4.3                | 200            |



### SKSM7850 TYPE

| Part Number  | Inductance | Inductance Tolerance | L Test Freq. | Max. DC Resistance | Rated Current  |
|--------------|------------|----------------------|--------------|--------------------|----------------|
| Units        | μH         | -                    | KHz/V        | Ω                  | mA             |
| Symbol       | L          | -                    | Freq         | DCR                | I <sub>r</sub> |
| SKSM7850-1R0 | 1.0        | M、N                  | 100/0.25     | 0.030              | 6800           |
| SKSM7850-1R8 | 1.8        | M、N                  | 100/0.25     | 0.035              | 5260           |
| SKSM7850-2R7 | 2.7        | M、N                  | 100/0.25     | 0.040              | 4020           |
| SKSM7850-3R3 | 3.3        | M、N                  | 100/0.25     | 0.045              | 3600           |
| SKSM7850-3R9 | 3.9        | M、N                  | 100/0.25     | 0.050              | 3260           |
| SKSM7850-4R7 | 4.7        | M、N                  | 100/0.25     | 0.055              | 2970           |
| SKSM7850-5R6 | 5.6        | M、N                  | 100/0.25     | 0.060              | 2740           |
| SKSM7850-6RB | 6.8        | M、N                  | 100/0.25     | 0.065              | 2530           |
| SKSM7850-8R2 | 8.2        | M、N                  | 100/0.25     | 0.070              | 2360           |
| SKSM7850-100 | 10         | M、N                  | 100/0.25     | 0.075              | 2070           |
| SKSM7850-120 | 12         | M、N                  | 100/0.25     | 0.080              | 1850           |
| SKSM7850-150 | 15         | M、N                  | 100/0.25     | 0.090              | 1670           |
| SKSM7850-180 | 18         | M、N                  | 100/0.25     | 0.100              | 1520           |
| SKSM7850-220 | 22         | M、N                  | 100/0.25     | 0.110              | 1400           |
| SKSM7850-270 | 27         | M、N                  | 100/0.25     | 0.120              | 1240           |
| SKSM7850-330 | 33         | M、N                  | 100/0.25     | 0.130              | 1160           |
| SKSM7850-390 | 39         | M、N                  | 100/0.25     | 0.160              | 1050           |
| SKSM7850-470 | 47         | M、N                  | 100/0.25     | 0.196              | 960            |
| SKSM7850-560 | 56         | M、N                  | 100/0.25     | 0.240              | 870            |
| SKSM7850-680 | 68         | M、N                  | 100/0.25     | 0.280              | 790            |
| SKSM7850-820 | 82         | M、N                  | 100/0.25     | 0.370              | 720            |
| SKSM7850-101 | 100        | M、N                  | 100/0.25     | 0.430              | 650            |
| SKSM7850-121 | 120        | M、N                  | 100/0.25     | 0.470              | 590            |
| SKSM7850-151 | 150        | M、N                  | 100/0.25     | 0.640              | 530            |
| SKSM7850-181 | 180        | M、N                  | 100/0.25     | 0.710              | 490            |
| SKSM7850-221 | 220        | M、N                  | 100/0.25     | 0.960              | 440            |
| SKSM7850-271 | 270        | M、N                  | 100/0.25     | 1.15               | 400            |
| SKSM7850-331 | 330        | M、N                  | 100/0.25     | 1.30               | 360            |
| SKSM7850-391 | 390        | M、N                  | 100/0.25     | 1.80               | 330            |
| SKSM7850-471 | 470        | M、N                  | 100/0.25     | 2.00               | 300            |
| SKSM7850-561 | 560        | M、N                  | 100/0.25     | 2.20               | 280            |
| SKSM7850-681 | 680        | M、N                  | 100/0.25     | 2.75               | 250            |
| SKSM7850-821 | 820        | M、N                  | 100/0.25     | 3.10               | 230            |



## SKSM Series

### SKSM1040 TYPE

| Part Number  | Inductance | Inductance Tolerance | L Test Freq. | Max. DC Resistance | Rated Current  |
|--------------|------------|----------------------|--------------|--------------------|----------------|
| Units        | μH         | -                    | KHz/V        | Ω                  | mA             |
| Symbol       | L          | -                    | Freq         | DCR                | I <sub>r</sub> |
| SKSM1040-1R0 | 1.0        | M、N                  | 100/0.25     | 0.015              | 7200           |
| SKSM1040-1R8 | 1.8        | M、N                  | 100/0.25     | 0.020              | 4900           |
| SKSM1040-2R7 | 2.7        | M、N                  | 100/0.25     | 0.025              | 4200           |
| SKSM1040-3R3 | 3.3        | M、N                  | 100/0.25     | 0.030              | 3500           |
| SKSM1040-3R9 | 3.9        | M、N                  | 100/0.25     | 0.032              | 3300           |
| SKSM1040-4R7 | 4.7        | M、N                  | 100/0.25     | 0.035              | 3200           |
| SKSM1040-5R6 | 5.6        | M、N                  | 100/0.25     | 0.040              | 2800           |
| SKSM1040-6R8 | 6.8        | M、N                  | 100/0.25     | 0.046              | 2600           |
| SKSM1040-8R2 | 8.2        | M、N                  | 100/0.25     | 0.052              | 2350           |
| SKSM1040-100 | 10         | M、N                  | 100/0.25     | 0.071              | 2150           |
| SKSM1040-120 | 12         | M、N                  | 100/0.25     | 0.076              | 2000           |
| SKSM1040-150 | 15         | M、N                  | 100/0.25     | 0.080              | 1700           |
| SKSM1040-180 | 18         | M、N                  | 100/0.25     | 0.089              | 1650           |
| SKSM1040-220 | 22         | M、N                  | 100/0.25     | 0.10               | 1450           |
| SKSM1040-270 | 27         | M、N                  | 100/0.25     | 0.12               | 1350           |
| SKSM1040-330 | 33         | M、N                  | 100/0.25     | 0.13               | 1200           |
| SKSM1040-390 | 39         | M、N                  | 100/0.25     | 0.16               | 1100           |
| SKSM1040-470 | 47         | M、N                  | 100/0.25     | 0.19               | 1000           |
| SKSM1040-560 | 56         | M、N                  | 100/0.25     | 0.22               | 900            |
| SKSM1040-680 | 68         | M、N                  | 100/0.25     | 0.25               | 800            |
| SKSM1040-820 | 82         | M、N                  | 100/0.25     | 0.30               | 750            |
| SKSM1040-101 | 100        | M、N                  | 100/0.25     | 0.38               | 650            |
| SKSM1040-121 | 120        | M、N                  | 100/0.25     | 0.44               | 600            |
| SKSM1040-151 | 150        | M、N                  | 100/0.25     | 0.52               | 550            |
| SKSM1040-181 | 180        | M、N                  | 100/0.25     | 0.60               | 500            |
| SKSM1040-221 | 220        | M、N                  | 100/0.25     | 0.75               | 450            |
| SKSM1040-271 | 270        | M、N                  | 100/0.25     | 0.88               | 400            |
| SKSM1040-331 | 330        | M、N                  | 100/0.25     | 1.15               | 380            |
| SKSM1040-39  | 390        | M、N                  | 100/0.25     | 1.38               | 340            |
| SKSM1040-471 | 470        | M、N                  | 100/0.25     | 1.64               | 320            |
| SKSM1040-561 | 560        | M、N                  | 100/0.25     | 2.06               | 290            |
| SKSM1040-681 | 680        | M、N                  | 100/0.25     | 2.55               | 260            |
| SKSM1040-821 | 820        | M、N                  | 100/0.25     | 3.10               | 240            |
| SKSM1040-102 | 1000       | M、N                  | 100/0.25     | 3.55               | 220            |



### SKSM1054 TYPE

| Part Number  | Inductance | Inductance Tolerance | L Test Freq. | Max. DC Resistance | Rated Current  |
|--------------|------------|----------------------|--------------|--------------------|----------------|
| Units        | μH         | -                    | KHz/V        | Ω                  | mA             |
| Symbol       | L          | -                    | Freq         | DCR                | I <sub>r</sub> |
| SKSM1054-1R0 | 1.0        | M、N                  | 100/0.25     | 0.010              | 7600           |
| SKSM1054-1R8 | 1.8        | M、N                  | 100/0.25     | 0.012              | 6220           |
| SKSM1054-2R7 | 2.7        | M、N                  | 100/0.25     | 0.020              | 4560           |
| SKSM1054-3R3 | 3.3        | M、N                  | 100/0.25     | 0.025              | 4560           |
| SKSM1054-3R9 | 3.9        | M、N                  | 100/0.25     | 0.028              | 4020           |
| SKSM1054-4R7 | 4.7        | M、N                  | 100/0.25     | 0.031              | 3600           |
| SKSM1054-5R6 | 5.6        | M、N                  | 100/0.25     | 0.035              | 3260           |
| SKSM1054-6R8 | 6.8        | M、N                  | 100/0.25     | 0.039              | 2970           |
| SKSM1054-8R2 | 8.2        | M、N                  | 100/0.25     | 0.042              | 2740           |
| SKSM1054-100 | 10         | M、N                  | 100/0.25     | 0.045              | 2530           |
| SKSM1054-120 | 12         | M、N                  | 100/0.25     | 0.065              | 2210           |
| SKSM1054-150 | 15         | M、N                  | 100/0.25     | 0.069              | 2070           |
| SKSM1054-180 | 18         | M、N                  | 100/0.25     | 0.080              | 1850           |
| SKSM1054-220 | 22         | M、N                  | 100/0.25     | 0.090              | 1670           |
| SKSM1054-270 | 27         | M、N                  | 100/0.25     | 0.098              | 1520           |
| SKSM1054-330 | 33         | M、N                  | 100/0.25     | 0.114              | 1340           |
| SKSM1054-390 | 39         | M、N                  | 100/0.25     | 0.123              | 1240           |
| SKSM1054-470 | 47         | M、N                  | 100/0.25     | 0.15               | 1160           |
| SKSM1054-560 | 56         | M、N                  | 100/0.25     | 0.16               | 1050           |
| SKSM1054-680 | 68         | M、N                  | 100/0.25     | 0.22               | 940            |
| SKSM1054-820 | 82         | M、N                  | 100/0.25     | 0.27               | 870            |
| SKSM1054-101 | 100        | M、N                  | 100/0.25     | 0.32               | 790            |
| SKSM1054-121 | 120        | M、N                  | 100/0.25     | 0.40               | 690            |
| SKSM1054-151 | 150        | M、N                  | 100/0.25     | 0.47               | 620            |
| SKSM1054-221 | 220        | M、N                  | 100/0.25     | 0.68               | 510            |
| SKSM1054-271 | 270        | M、N                  | 100/0.25     | 0.84               | 460            |
| SKSM1054-331 | 330        | M、N                  | 100/0.25     | 1.01               | 420            |
| SKSM1054-391 | 390        | M、N                  | 100/0.25     | 1.18               | 390            |
| SKSM1054-471 | 470        | M、N                  | 100/0.25     | 1.42               | 350            |
| SKSM1054-561 | 560        | M、N                  | 100/0.25     | 1.72               | 320            |
| SKSM1054-681 | 680        | M、N                  | 100/0.25     | 2.10               | 290            |
| SKSM1054-821 | 820        | M、N                  | 100/0.25     | 2.58               | 260            |
| SKSM1054-102 | 1000       | M、N                  | 100/0.25     | 3.43               | 240            |