



## Power Inductor

### FEATURES

- Excellent high saturation resistance
- Magnetic shield structure
- Low DC resistance, high current resistance

### APPLICATIONS

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



### PRODUCT IDENTIFICATION

**SKSMRH**   **125**   **—**   **R47**   **N**

①                      ②                      ③                      ④

①

| Product Code |                |
|--------------|----------------|
| SKSMRH       | Power Inductor |

②

| External Dimensions (L×H) [mm] |         |
|--------------------------------|---------|
| 125                            | 1.2×0.5 |

③

| Nominal Inductance |               |
|--------------------|---------------|
| Example            | Nominal Value |
| 2R2                | 2.2μH         |
| R47                | 0.47μH        |
| 100                | 10μH          |

④

| Inductance Tolerance |      |
|----------------------|------|
| M                    | ±20% |
| N                    | ±30% |



# SKSMRH-D Series

## SHAPE AND DIMENSIONS



Figure 1



Figure 2

Units: mm

| Type Specification | Product Size |        |       | Recommended pad size |      |     | External drawing |
|--------------------|--------------|--------|-------|----------------------|------|-----|------------------|
|                    | A1 Max       | A2 Max | B Max | H                    | I    | J   |                  |
| SKSMRH2D18         | 3.3          | 3.3    | 2.1   | 3.5                  | 1.35 | 0.8 | Figure 1         |
| SKSMRH3D18         | 4.0          | 4.0    | 2.1   | 4.5                  | 1.5  | 1.2 |                  |
| SKSMRH3D28         | 4.0          | 4.0    | 3.1   | 4.5                  | 1.5  | 1.5 |                  |
| SKSMRH4D18         | 5.0          | 5.0    | 2.1   | 5.3                  | 1.9  | 1.5 |                  |
| SKSMRH4D28         | 5.0          | 5.0    | 3.1   | 5.3                  | 1.9  | 1.5 |                  |
| SKSMRH5D18         | 6.0          | 6.0    | 2.1   | 6.3                  | 2.2  | 2.0 |                  |
| SKSMRH5D28         | 6.0          | 6.0    | 3.1   | 6.3                  | 2.2  | 2.0 |                  |
| SKSMRH6D28         | 7.0          | 7.0    | 3.1   | 7.3                  | 2.7  | 2.0 |                  |
| SKSMRH6D38         | 7.0          | 7.0    | 4.1   | 7.3                  | 2.7  | 2.0 |                  |

## RECOMMENDED PAD SIZE



Units: mm

| Type Specification | Product Size |       |       |     |     |     | Recommended pad size |     |     | External drawing |
|--------------------|--------------|-------|-------|-----|-----|-----|----------------------|-----|-----|------------------|
|                    | A Max        | B Max | C Max | D   | E   | F   | H                    | I   | J   |                  |
| SKSMRH8D28         | 9.5          | 8.3   | 3.0   | 6.3 | 4.0 | 2.5 | 5.0                  | 2.0 | 6.1 | Figure 2         |
| SKSMRH8D38         | 9.5          | 8.3   | 4.0   | 6.3 | 4.0 | 2.5 | 5.0                  | 2.0 | 6.1 |                  |
| SKSMRH8D43         | 9.5          | 8.3   | 4.5   | 6.3 | 4.0 | 2.5 | 5.0                  | 2.0 | 6.1 |                  |



## SKSMRH-D Series

### SPECIFICATIONS

#### SKSMR3D18 TYPE

| Part Number    | Inductance | Inductance Tolerance | L Test Freq. | Max. DC Resistance | Rated Current |
|----------------|------------|----------------------|--------------|--------------------|---------------|
| Units          | $\mu$ H    | –                    | KHz/V        | $\Omega$           | mA            |
| Symbol         | L          | –                    | Freq         | DCR                | Ir            |
| SKSMRH3D18-1R2 | 1.2        | M、N                  | 100/0.25     | 0.047              | 1370          |
| SKSMRH3D18-1R8 | 1.8        | M、N                  | 100/0.25     | 0.056              | 1050          |
| SKSMRH3D18-2R2 | 2.2        | M、N                  | 100/0.25     | 0.063              | 950           |
| SKSMRH3D18-3R3 | 3.3        | M、N                  | 100/0.25     | 0.100              | 800           |
| SKSMRH3D18-4R7 | 4.7        | M、N                  | 100/0.25     | 0.108              | 680           |
| SKSMRH3D18-5R6 | 5.6        | M、N                  | 100/0.25     | 0.134              | 620           |
| SKSMRH3D18-6R8 | 6.8        | M、N                  | 100/0.25     | 0.150              | 580           |
| SKSMRH3D18-8R2 | 8.2        | M、N                  | 100/0.25     | 0.170              | 510           |
| SKSMRH3D18-100 | 10         | M、N                  | 100/0.25     | 0.205              | 460           |
| SKSMRH3D18-120 | 12         | M、N                  | 100/0.25     | 0.275              | 420           |
| SKSMRH3D18-150 | 15         | M、N                  | 100/0.25     | 0.302              | 380           |
| SKSMRH3D18-180 | 18         | M、N                  | 100/0.25     | 0.400              | 340           |
| SKSMRH3D18-220 | 22         | M、N                  | 100/0.25     | 0.424              | 310           |
| SKSMRH3D18-270 | 27         | M、N                  | 100/0.25     | 0.540              | 280           |
| SKSMRH3D18-330 | 33         | M、N                  | 100/0.25     | 0.680              | 260           |
| SKSMRH3D18-390 | 39         | M、N                  | 100/0.25     | 0.760              | 240           |
| SKSMRH3D18-470 | 47         | M、N                  | 100/0.25     | 0.960              | 210           |
| SKSMRH3D18-560 | 56         | M、N                  | 100/0.25     | 1.30               | 190           |
| SKSMRH3D18-680 | 68         | M、N                  | 100/0.25     | 1.70               | 170           |
| SKSMRH3D18-820 | 82         | M、N                  | 100/0.25     | 2.20               | 150           |



## SKSMRH-D Series

### SKSMR3D28 TYPE

| Part Number    | Inductance | Inductance Tolerance | L Test Freq. | Max. DC Resistance | Rated Current |
|----------------|------------|----------------------|--------------|--------------------|---------------|
| Units          | $\mu$ H    | —                    | KHz/V        | $\Omega$           | mA            |
| Symbol         | L          | —                    | Freq         | DCR                | Ir            |
| SKSMRH3D28-1R0 | 1          | M、N                  | 100/0.25     | 0.038              | 2300          |
| SKSMRH3D28-1R2 | 1.2        | M、N                  | 100/0.25     | 0.045              | 2200          |
| SKSMRH3D28-1R8 | 1.8        | M、N                  | 100/0.25     | 0.058              | 2200          |
| SKSMRH3D28-2R2 | 2.2        | M、N                  | 100/0.25     | 0.062              | 2100          |
| SKSMRH3D28-2R5 | 2.5        | M、N                  | 100/0.25     | 0.070              | 2000          |
| SKSMRH3D28-2R7 | 2.7        | M、N                  | 100/0.25     | 0.070              | 1950          |
| SKSMRH3D28-3R3 | 3.3        | M、N                  | 100/0.25     | 0.072              | 1800          |
| SKSMRH3D28-3R9 | 3.9        | M、N                  | 100/0.25     | 0.082              | 1600          |
| SKSMRH3D28-4R7 | 4.7        | M、N                  | 100/0.25     | 0.088              | 1500          |
| SKSMRH3D28-5R6 | 5.6        | M、N                  | 100/0.25     | 0.110              | 1350          |
| SKSMRH3D28-6R8 | 6.8        | M、N                  | 100/0.25     | 0.119              | 1200          |
| SKSMRH3D28-8R2 | 8.2        | M、N                  | 100/0.25     | 0.130              | 1100          |
| SKSMRH3D28-100 | 10         | M、N                  | 100/0.25     | 0.145              | 1050          |
| SKSMRH3D28-120 | 12         | M、N                  | 100/0.25     | 0.175              | 900           |
| SKSMRH3D28-150 | 15         | M、N                  | 100/0.25     | 0.213              | 850           |
| SKSMRH3D28-180 | 18         | M、N                  | 100/0.25     | 0.250              | 750           |
| SKSMRH3D28-220 | 22         | M、N                  | 100/0.25     | 0.335              | 680           |
| SKSMRH3D28-270 | 27         | M、N                  | 100/0.25     | 0.420              | 620           |
| SKSMRH3D28-330 | 33         | M、N                  | 100/0.25     | 0.481              | 560           |
| SKSMRH3D28-390 | 39         | M、N                  | 100/0.25     | 0.750              | 510           |
| SKSMRH3D28-470 | 47         | M、N                  | 100/0.25     | 0.900              | 481           |
| SKSMRH3D28-560 | 56         | M、N                  | 100/0.25     | 1.20               | 430           |
| SKSMRH3D28-680 | 68         | M、N                  | 100/0.25     | 1.40               | 400           |
| SKSMRH3D28-820 | 82         | M、N                  | 100/0.25     | 1.80               | 360           |
| SKSMRH3D28-101 | 100        | M、N                  | 100/0.25     | 2.00               | 330           |
| SKSMRH3D28-121 | 120        | M、N                  | 100/0.25     | 2.20               | 300           |
| SKSMRH3D28-151 | 150        | M、N                  | 100/0.25     | 3.20               | 270           |
| SKSMRH3D28-181 | 180        | M、N                  | 100/0.25     | 3.50               | 250           |
| SKSMRH3D28-221 | 220        | M、N                  | 100/0.25     | 4.00               | 220           |
| SKSMRH3D28-271 | 270        | M、N                  | 100/0.25     | 5.60               | 200           |



## SKSMRH-D Series

### SKSMR4D18 TYPE

| Part Number    | Inductance | Inductance Tolerance | L Test Freq. | Max. DC Resistance | Rated Current |
|----------------|------------|----------------------|--------------|--------------------|---------------|
| Units          | $\mu$ H    | —                    | KHz/V        | $\Omega$           | mA            |
| Symbol         | L          | —                    | Freq         | DCR                | Ir            |
| SKSMRH4D18-1R0 | 1.0        | M、N                  | 100/0.25     | 0.030              | 2300          |
| SKSMRH4D18-1R2 | 1.2        | M、N                  | 100/0.25     | 0.035              | 2000          |
| SKSMRH4D18-1R8 | 1.8        | M、N                  | 100/0.25     | 0.037              | 1960          |
| SKSMRH4D18-2R2 | 2.2        | M、N                  | 100/0.25     | 0.040              | 1900          |
| SKSMRH4D18-2R5 | 2.5        | M、N                  | 100/0.25     | 0.044              | 1840          |
| SKSMRH4D18-2R7 | 2.7        | M、N                  | 100/0.25     | 0.062              | 1770          |
| SKSMRH4D18-3R3 | 3.3        | M、N                  | 100/0.25     | 0.070              | 1650          |
| SKSMRH4D18-3R9 | 3.9        | M、N                  | 100/0.25     | 0.095              | 1450          |
| SKSMRH4D18-4R7 | 4.7        | M、N                  | 100/0.25     | 0.100              | 1400          |
| SKSMRH4D18-5R6 | 5.6        | M、N                  | 100/0.25     | 0.150              | 1200          |
| SKSMRH4D18-6R8 | 6.8        | M、N                  | 100/0.25     | 0.153              | 980           |
| SKSMRH4D18-8R2 | 8.2        | M、N                  | 100/0.25     | 0.165              | 940           |
| SKSMRH4D18-100 | 10         | M、N                  | 100/0.25     | 0.180              | 820           |
| SKSMRH4D18-120 | 12         | M、N                  | 100/0.25     | 0.240              | 760           |
| SKSMRH4D18-150 | 15         | M、N                  | 100/0.25     | 0.300              | 730           |
| SKSMRH4D18-180 | 18         | M、N                  | 100/0.25     | 0.340              | 680           |
| SKSMRH4D18-220 | 22         | M、N                  | 100/0.25     | 0.400              | 630           |
| SKSMRH4D18-270 | 27         | M、N                  | 100/0.25     | 0.440              | 560           |
| SKSMRH4D18-330 | 33         | M、N                  | 100/0.25     | 0.695              | 520           |
| SKSMRH4D18-390 | 39         | M、N                  | 100/0.25     | 0.700              | 480           |
| SKSMRH4D18-470 | 47         | M、N                  | 100/0.25     | 0.920              | 420           |
| SKSMRH4D18-560 | 56         | M、N                  | 100/0.25     | 1.08               | 370           |
| SKSMRH4D18-680 | 68         | M、N                  | 100/0.25     | 1.30               | 320           |
| SKSMRH4D18-820 | 82         | M、N                  | 100/0.25     | 1.55               | 300           |
| SKSMRH4D18-101 | 100        | M、N                  | 100/0.25     | 1.75               | 270           |
| SKSMRH4D18-121 | 120        | M、N                  | 100/0.25     | 2.00               | 250           |
| SKSMRH4D18-151 | 150        | M、N                  | 100/0.25     | 2.80               | 200           |
| SKSMRH4D18-181 | 180        | M、N                  | 100/0.25     | 3.10               | 180           |



## SKSMRH-D Series

### SKSMR4D28 TYPE

| Part Number    | Inductance | Inductance Tolerance | L Test Freq. | Max. DC Resistance | Rated Current |
|----------------|------------|----------------------|--------------|--------------------|---------------|
| Units          | $\mu$ H    | —                    | KHz/V        | $\Omega$           | mA            |
| Symbol         | L          | —                    | Freq         | DCR                | Ir            |
| SKSMRH4D28-1R2 | 1.2        | M、N                  | 100/0.25     | 0.015              | 2500          |
| SKSMRH4D28-1R8 | 1.8        | M、N                  | 100/0.25     | 0.017              | 2200          |
| SKSMRH4D28-2R2 | 2.2        | M、N                  | 100/0.25     | 0.020              | 2000          |
| SKSMRH4D28-2R7 | 2.7        | M、N                  | 100/0.25     | 0.025              | 1600          |
| SKSMRH4D28-3R3 | 3.3        | M、N                  | 100/0.25     | 0.030              | 1500          |
| SKSMRH4D28-3R9 | 3.9        | M、N                  | 100/0.25     | 0.035              | 1400          |
| SKSMRH4D28-4R7 | 4.7        | M、N                  | 100/0.25     | 0.040              | 1300          |
| SKSMRH4D28-5R6 | 5.6        | M、N                  | 100/0.25     | 0.047              | 1200          |
| SKSMRH4D28-6R8 | 6.8        | M、N                  | 100/0.25     | 0.050              | 1100          |
| SKSMRH4D28-8R2 | 8.2        | M、N                  | 100/0.25     | 0.060              | 1000          |
| SKSMRH4D28-100 | 10         | M、N                  | 100/0.25     | 0.070              | 900           |
| SKSMRH4D28-120 | 12         | M、N                  | 100/0.25     | 0.080              | 800           |
| SKSMRH4D28-150 | 15         | M、N                  | 100/0.25     | 0.090              | 750           |
| SKSMRH4D28-180 | 18         | M、N                  | 100/0.25     | 0.120              | 700           |
| SKSMRH4D28-220 | 22         | M、N                  | 100/0.25     | 0.140              | 650           |
| SKSMRH4D28-270 | 27         | M、N                  | 100/0.25     | 0.190              | 600           |
| SKSMRH4D28-330 | 33         | M、N                  | 100/0.25     | 0.220              | 500           |
| SKSMRH4D28-390 | 39         | M、N                  | 100/0.25     | 0.250              | 500           |
| SKSMRH4D28-470 | 47         | M、N                  | 100/0.25     | 0.270              | 450           |
| SKSMRH4D28-560 | 56         | M、N                  | 100/0.25     | 0.330              | 400           |
| SKSMRH4D28-680 | 68         | M、N                  | 100/0.25     | 0.370              | 350           |
| SKSMRH4D28-820 | 82         | M、N                  | 100/0.25     | 0.450              | 300           |
| SKSMRH4D28-101 | 100        | M、N                  | 100/0.25     | 0.520              | 280           |
| SKSMRH4D28-121 | 120        | M、N                  | 100/0.25     | 0.810              | 260           |
| SKSMRH4D28-151 | 150        | M、N                  | 100/0.25     | 1.100              | 230           |
| SKSMRH4D28-181 | 180        | M、N                  | 100/0.25     | 1.200              | 210           |



## SKSMRH-D Series

### SKSMR5D18 TYPE

| Part Number    | Inductance | Inductance Tolerance | L Test Freq. | Max. DC Resistance | Rated Current |
|----------------|------------|----------------------|--------------|--------------------|---------------|
| Units          | $\mu$ H    | —                    | KHz/V        | $\Omega$           | mA            |
| Symbol         | L          | —                    | Freq         | DCR                | Ir            |
| SKSMRH5D18-4R1 | 4.1        | M、N                  | 100/0.25     | 0.075              | 2000          |
| SKSMRH5D18-5R4 | 5.4        | M、N                  | 100/0.25     | 0.085              | 1600          |
| SKSMRH5D18-6R2 | 6.2        | M、N                  | 100/0.25     | 0.096              | 1400          |
| SKSMRH5D18-8R9 | 8.9        | M、N                  | 100/0.25     | 0.130              | 1250          |
| SKSMRH5D18-100 | 10         | M、N                  | 100/0.25     | 0.140              | 1200          |
| SKSMRH5D18-120 | 12         | M、N                  | 100/0.25     | 0.180              | 1100          |
| SKSMRH5D18-150 | 15         | M、N                  | 100/0.25     | 0.221              | 970           |
| SKSMRH5D18-180 | 18         | M、N                  | 100/0.25     | 0.250              | 850           |
| SKSMRH5D18-220 | 22         | M、N                  | 100/0.25     | 0.290              | 800           |
| SKSMRH5D18-270 | 27         | M、N                  | 100/0.25     | 0.330              | 750           |
| SKSMRH5D18-330 | 33         | M、N                  | 100/0.25     | 0.386              | 650           |
| SKSMRH5D18-390 | 39         | M、N                  | 100/0.25     | 0.520              | 570           |
| SKSMRH5D18-470 | 47         | M、N                  | 100/0.25     | 0.654              | 540           |
| SKSMRH5D18-560 | 56         | M、N                  | 100/0.25     | 0.750              | 500           |
| SKSMRH5D18-680 | 68         | M、N                  | 100/0.25     | 0.845              | 430           |
| SKSMRH5D18-820 | 82         | M、N                  | 100/0.25     | 1.090              | 410           |
| SKSMRH5D18-101 | 100        | M、N                  | 100/0.25     | 1.350              | 260           |

### SKSMR5D28 TYPE

| Part Number    | Inductance | Inductance Tolerance | L Test Freq. | Max. DC Resistance | Rated Current |
|----------------|------------|----------------------|--------------|--------------------|---------------|
| Units          | $\mu$ H    | —                    | KHz/V        | $\Omega$           | mA            |
| Symbol         | L          | —                    | Freq         | DCR                | Ir            |
| SKSMRH5D28-2R6 | 2.6        | M、N                  | 100/0.25     | 0.025              | 2500          |
| SKSMRH5D28-3R0 | 3.0        | M、N                  | 100/0.25     | 0.030              | 2400          |
| SKSMRH5D28-4R2 | 4.2        | M、N                  | 100/0.25     | 0.040              | 2200          |
| SKSMRH5D28-5R3 | 5.3        | M、N                  | 100/0.25     | 0.045              | 1800          |
| SKSMRH5D28-6R2 | 6.2        | M、N                  | 100/0.25     | 0.055              | 1700          |
| SKSMRH5D28-8R2 | 8.2        | M、N                  | 100/0.25     | 0.065              | 1500          |
| SKSMRH5D28-100 | 10         | M、N                  | 100/0.25     | 0.075              | 1300          |
| SKSMRH5D28-120 | 12         | M、N                  | 100/0.25     | 0.085              | 1200          |
| SKSMRH5D28-150 | 15         | M、N                  | 100/0.25     | 0.120              | 1100          |
| SKSMRH5D28-180 | 18         | M、N                  | 100/0.25     | 0.140              | 1000          |
| SKSMRH5D28-220 | 22         | M、N                  | 100/0.25     | 0.180              | 900           |
| SKSMRH5D28-270 | 27         | M、N                  | 100/0.25     | 0.200              | 800           |
| SKSMRH5D28-330 | 33         | M、N                  | 100/0.25     | 0.210              | 700           |
| SKSMRH5D28-390 | 39         | M、N                  | 100/0.25     | 0.250              | 600           |
| SKSMRH5D28-470 | 47         | M、N                  | 100/0.25     | 0.280              | 550           |
| SKSMRH5D28-560 | 56         | M、N                  | 100/0.25     | 0.320              | 500           |
| SKSMRH5D28-680 | 68         | M、N                  | 100/0.25     | 0.380              | 450           |
| SKSMRH5D28-820 | 82         | M、N                  | 100/0.25     | 0.500              | 400           |
| SKSMRH5D28-101 | 100        | M、N                  | 100/0.25     | 0.600              | 350           |



## SKSMRH-D Series

### SKSMR6D28 TYPE

| Part Number    | Inductance | Inductance Tolerance | L Test Freq. | Max. DC Resistance | Rated Current |
|----------------|------------|----------------------|--------------|--------------------|---------------|
| Units          | $\mu$ H    | —                    | KHz/V        | $\Omega$           | mA            |
| Symbol         | L          | —                    | Freq         | DCR                | Ir            |
| SKSMRH6D28-3R0 | 3          | M、N                  | 100/0.25     | 0.023              | 3000          |
| SKSMRH6D28-3R9 | 3.9        | M、N                  | 100/0.25     | 0.027              | 2600          |
| SKSMRH6D28-5R0 | 5          | M、N                  | 100/0.25     | 0.031              | 2400          |
| SKSMRH6D28-6R0 | 6          | M、N                  | 100/0.25     | 0.035              | 2250          |
| SKSMRH6D28-6R8 | 6.8        | M、N                  | 100/0.25     | 0.046              | 2000          |
| SKSMRH6D28-7R3 | 7.3        | M、N                  | 100/0.25     | 0.056              | 1900          |
| SKSMRH6D28-8R6 | 8.6        | M、N                  | 100/0.25     | 0.058              | 1850          |
| SKSMRH6D28-100 | 10         | M、N                  | 100/0.25     | 0.065              | 1700          |
| SKSMRH6D28-120 | 12         | M、N                  | 100/0.25     | 0.070              | 1550          |
| SKSMRH6D28-150 | 15         | M、N                  | 100/0.25     | 0.084              | 1400          |
| SKSMRH6D28-180 | 18         | M、N                  | 100/0.25     | 0.095              | 1320          |
| SKSMRH6D28-220 | 22         | M、N                  | 100/0.25     | 0.128              | 1200          |
| SKSMRH6D28-270 | 27         | M、N                  | 100/0.25     | 0.142              | 1050          |
| SKSMRH6D28-330 | 33         | M、N                  | 100/0.25     | 0.165              | 970           |
| SKSMRH6D28-390 | 39         | M、N                  | 100/0.25     | 0.210              | 860           |
| SKSMRH6D28-470 | 47         | M、N                  | 100/0.25     | 0.238              | 800           |
| SKSMRH6D28-560 | 56         | M、N                  | 100/0.25     | 0.277              | 730           |
| SKSMRH6D28-680 | 68         | M、N                  | 100/0.25     | 0.304              | 650           |
| SKSMRH6D28-820 | 82         | M、N                  | 100/0.25     | 0.390              | 600           |

### SKSMR6D38 TYPE

| Part Number    | Inductance | Inductance Tolerance | L Test Freq. | Max. DC Resistance | Rated Current |
|----------------|------------|----------------------|--------------|--------------------|---------------|
| Units          | $\mu$ H    | —                    | KHz/V        | $\Omega$           | mA            |
| Symbol         | L          | —                    | Freq         | DCR                | Ir            |
| SKSMRH6D38-3R3 | 3.3        | M、N                  | 100/0.25     | 0.020              | 3500          |
| SKSMRH6D38-5R0 | 5.0        | M、N                  | 100/0.25     | 0.024              | 2900          |
| SKSMRH6D38-6R0 | 6.0        | M、N                  | 100/0.25     | 0.028              | 2500          |
| SKSMRH6D38-7R3 | 7.3        | M、N                  | 100/0.25     | 0.032              | 2300          |
| SKSMRH6D38-8R6 | 8.6        | M、N                  | 100/0.25     | 0.035              | 2200          |
| SKSMRH6D38-100 | 10         | M、N                  | 100/0.25     | 0.038              | 2000          |
| SKSMRH6D38-120 | 12         | M、N                  | 100/0.25     | 0.053              | 1700          |
| SKSMRH6D38-150 | 15         | M、N                  | 100/0.25     | 0.057              | 1600          |
| SKSMRH6D38-180 | 18         | M、N                  | 100/0.25     | 0.092              | 1500          |
| SKSMRH6D38-220 | 22         | M、N                  | 100/0.25     | 0.096              | 1300          |
| SKSMRH6D38-270 | 27         | M、N                  | 100/0.25     | 0.109              | 1200          |
| SKSMRH6D38-330 | 33         | M、N                  | 100/0.25     | 0.124              | 1100          |
| SKSMRH6D38-390 | 39         | M、N                  | 100/0.25     | 0.138              | 1000          |
| SKSMRH6D38-470 | 47         | M、N                  | 100/0.25     | 0.155              | 950           |
| SKSMRH6D38-560 | 56         | M、N                  | 100/0.25     | 0.202              | 850           |
| SKSMRH6D38-680 | 68         | M、N                  | 100/0.25     | 0.234              | 750           |
| SKSMRH6D38-820 | 82         | M、N                  | 100/0.25     | 0.310              | 700           |
| SKSMRH6D38-101 | 100        | M、N                  | 100/0.25     | 0.350              | 650           |



## SKSMRH-D Series

### SKSMR8D28 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                | Ir            |
| SKSMRH8D28-2R2 | 2.2           | M、N                  | 100/0.25     | 0.012              | 5000          |
| SKSMRH8D28-2R7 | 2.7           | M、N                  | 100/0.25     | 0.017              | 4500          |
| SKSMRH8D28-3R9 | 3.9           | M、N                  | 100/0.25     | 0.02               | 4000          |
| SKSMRH8D28-4R7 | 4.7           | M、N                  | 100/0.25     | 0.025              | 3400          |
| SKSMRH8D28-5R6 | 5.6           | M、N                  | 100/0.25     | 0.028              | 3200          |
| SKSMRH8D28-6R8 | 6.8           | M、N                  | 100/0.25     | 0.032              | 3000          |
| SKSMRH8D28-8R2 | 8.2           | M、N                  | 100/0.25     | 0.042              | 2800          |
| SKSMRH8D28-100 | 10            | M、N                  | 100/0.25     | 0.047              | 2500          |
| SKSMRH8D28-150 | 15            | M、N                  | 100/0.25     | 0.069              | 1900          |
| SKSMRH8D28-220 | 22            | M、N                  | 100/0.25     | 0.099              | 1600          |
| SKSMRH8D28-330 | 33            | M、N                  | 100/0.25     | 0.156              | 1300          |
| SKSMRH8D28-470 | 47            | M、N                  | 100/0.25     | 0.195              | 1150          |
| SKSMRH8D28-680 | 68            | M、N                  | 100/0.25     | 0.286              | 920           |
| SKSMRH8D28-101 | 100           | M、N                  | 100/0.25     | 0.430              | 750           |

### SKSMR8D38 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                | Ir            |
| SKSMRH8D38-2R2 | 2.2           | M、N                  | 100/0.25     | 0.020              | 5500          |
| SKSMRH8D38-3R3 | 3.3           | M、N                  | 100/0.25     | 0.025              | 4400          |
| SKSMRH8D38-4R7 | 4.7           | M、N                  | 100/0.25     | 0.027              | 4000          |
| SKSMRH8D38-5R6 | 5.6           | M、N                  | 100/0.25     | 0.030              | 3800          |
| SKSMRH8D38-6R8 | 6.8           | M、N                  | 100/0.25     | 0.038              | 3500          |
| SKSMRH8D38-8R2 | 8.2           | M、N                  | 100/0.25     | 0.041              | 3000          |
| SKSMRH8D38-100 | 10            | M、N                  | 100/0.25     | 0.048              | 2600          |
| SKSMRH8D38-150 | 15            | M、N                  | 100/0.25     | 0.067              | 2300          |
| SKSMRH8D38-220 | 22            | M、N                  | 100/0.25     | 0.105              | 1880          |
| SKSMRH8D38-330 | 33            | M、N                  | 100/0.25     | 0.157              | 1520          |
| SKSMRH8D38-470 | 47            | M、N                  | 100/0.25     | 0.189              | 1280          |
| SKSMRH8D38-560 | 56            | M、N                  | 100/0.25     | 0.279              | 1200          |
| SKSMRH8D38-680 | 68            | M、N                  | 100/0.25     | 0.290              | 1100          |
| SKSMRH8D38-820 | 82            | M、N                  | 100/0.25     | 0.349              | 950           |
| SKSMRH8D38-101 | 100           | M、N                  | 100/0.25     | 0.410              | 880           |



## SKSMRH-D Series

### SKSMR8D43 TYPE

| Part Number    | Inductance | Inductance Tolerance | L Test Freq. | Max. DC Resistance | Rated Current |
|----------------|------------|----------------------|--------------|--------------------|---------------|
| Units          | $\mu$ H    | –                    | KHz/V        | $\Omega$           | mA            |
| Symbol         | L          | –                    | Freq         | DCR                | Ir            |
| SKSMRH8D43-2R7 | 2.7        | M、N                  | 100/0.25     | 0.017              | 7300          |
| SKSMRH8D43-3R3 | 3.3        | M、N                  | 100/0.25     | 0.020              | 6200          |
| SKSMRH8D43-4R7 | 4.7        | M、N                  | 100/0.25     | 0.022              | 5370          |
| SKSMRH8D43-5R6 | 5.6        | M、N                  | 100/0.25     | 0.023              | 4740          |
| SKSMRH8D43-6R8 | 6.8        | M、N                  | 100/0.25     | 0.025              | 4240          |
| SKSMRH8D43-8R2 | 8.2        | M、N                  | 100/0.25     | 0.032              | 3840          |
| SKSMRH8D43-100 | 10         | M、N                  | 100/0.25     | 0.036              | 3500          |
| SKSMRH8D43-120 | 12         | M、N                  | 100/0.25     | 0.050              | 3220          |
| SKSMRH8D43-150 | 15         | M、N                  | 100/0.25     | 0.053              | 2990          |
| SKSMRH8D43-180 | 18         | M、N                  | 100/0.25     | 0.060              | 2600          |
| SKSMRH8D43-220 | 22         | M、N                  | 100/0.25     | 0.075              | 2440          |
| SKSMRH8D43-270 | 27         | M、N                  | 100/0.25     | 0.093              | 2180          |
| SKSMRH8D43-330 | 33         | M、N                  | 100/0.25     | 0.125              | 1970          |
| SKSMRH8D43-390 | 39         | M、N                  | 100/0.25     | 0.140              | 1790          |
| SKSMRH8D43-470 | 47         | M、N                  | 100/0.25     | 0.150              | 1650          |
| SKSMRH8D43-560 | 56         | M、N                  | 100/0.25     | 0.210              | 1520          |
| SKSMRH8D43-680 | 68         | M、N                  | 100/0.25     | 0.240              | 1370          |
| SKSMRH8D43-820 | 82         | M、N                  | 100/0.25     | 0.260              | 1240          |
| SKSMRH8D43-101 | 100        | M、N                  | 100/0.25     | 0.360              | 1140          |