

Surface Mount Power Inductor

FEATURES

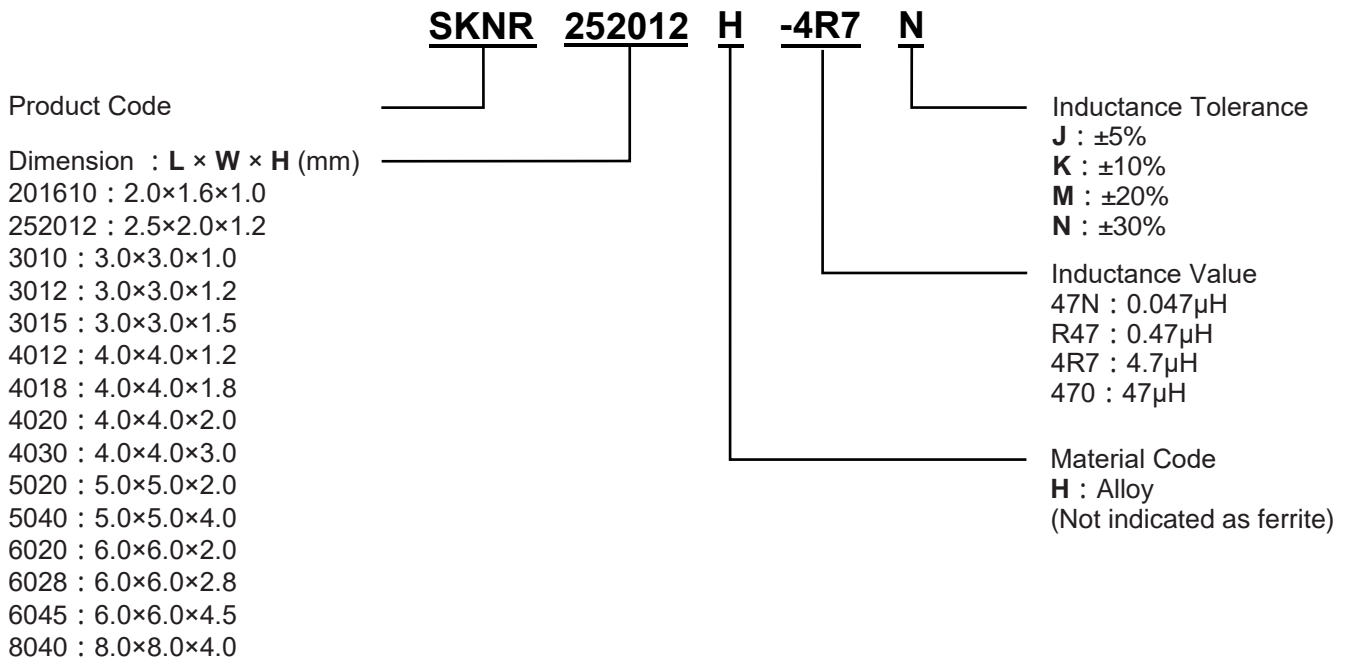
- Magnetic glue encapsulation greatly reduces the beeping sound
- Metallize the electrode directly on the core, strong resistance to drop impact, durable
- Closed magnetic circuit structure design, less magnetic leakage, strong anti-EMI ability
- The same size, the rated current characteristics are more than 30% higher than the traditional inductor
- Save space, more power saving



APPLICATIONS

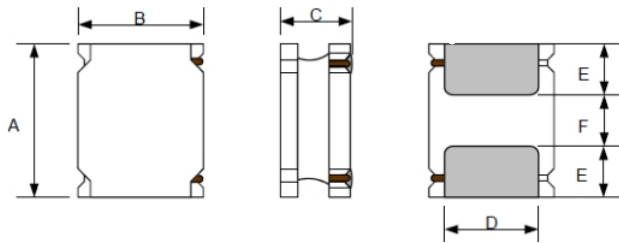
- LED lighting
- Flat screen TV, set-top box, camera, smartphone
- Tablets, laptops, desktops, servers, graphics cards
- Portable game consoles, personal navigation systems, multimedia
- Communication equipment, VR, etc

PRODUCT IDENTIFICATION



STANDARD EXTERNAL DIMENSIONS

Fig.1



Recommended Pad Size

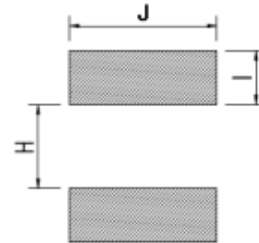
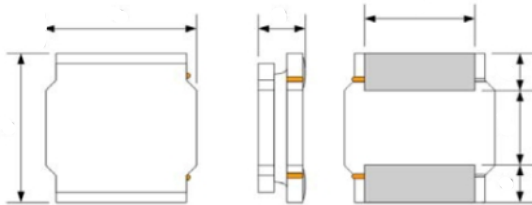


Fig.2



| Specification | Dimensions | | | | | | | | | |
|---------------|------------|---------|--------|---------|----------|----------|-------|-------|-------|-------|
| | A | B | C | D | E | F | H Typ | I Typ | J Typ | Shape |
| SKNR201610 | 2.0±0.2 | 1.6±0.2 | 1.0Max | 1.6±0.2 | 0.60±0.2 | 0.80±0.2 | 0.80 | 0.85 | 1.8 | Fig.1 |
| SKNR201610H | 2.0±0.2 | 1.6±0.2 | 1.0Max | 1.6±0.2 | 0.60±0.2 | 0.80±0.2 | 0.80 | 0.85 | 1.8 | Fig.1 |
| SKNR252012 | 2.5±0.1 | 2.0±0.1 | 1.2Max | 2.0±0.2 | 0.80±0.2 | 0.80±0.2 | 0.80 | 0.85 | 2.0 | Fig.1 |
| SKNR252012H | 2.5±0.2 | 2.0±0.2 | 1.2Max | 2.0±0.2 | 0.80±0.2 | 0.80±0.2 | 0.80 | 0.85 | 2.0 | Fig.1 |
| SKNR3010 | 3.0±0.2 | 3.0±0.2 | 1.0max | 2.5±0.2 | 0.75±0.2 | 1.5±0.2 | 1.5 | 0.8 | 2.7 | Fig.2 |
| SKNR3012 | 3.0±0.2 | 3.0±0.2 | 1.2max | 2.5±0.2 | 0.75±0.2 | 1.5±0.2 | 1.5 | 0.8 | 2.7 | Fig.2 |
| SKNR3015 | 3.0±0.2 | 3.0±0.2 | 1.5max | 2.5±0.2 | 0.75±0.2 | 1.5±0.2 | 1.5 | 0.8 | 2.7 | Fig.2 |
| SKNR3015H | 3.0±0.2 | 3.0±0.2 | 1.5max | 2.5±0.2 | 0.75±0.2 | 1.5±0.2 | 1.5 | 0.8 | 2.7 | Fig.2 |
| SKNR4012 | 4.0±0.2 | 4.0±0.2 | 1.2max | 3.3±0.2 | 0.95±0.2 | 2.1±0.2 | 1.9 | 1.1 | 3.7 | Fig.2 |
| SKNR4018 | 4.0±0.3 | 4.0±0.3 | 1.8max | 2.6±0.2 | 1.05±0.2 | 1.9±0.2 | 1.9 | 1.1 | 2.8 | Fig.2 |
| SKNR4020 | 4.0±0.2 | 4.0±0.2 | 2.0max | 3.3±0.2 | 0.95±0.2 | 2.1±0.2 | 1.9 | 1.1 | 3.7 | Fig.2 |
| SKNR4030 | 4.0±0.2 | 4.0±0.2 | 3.0max | 3.3±0.2 | 0.95±0.2 | 2.1±0.2 | 1.9 | 1.1 | 3.7 | Fig.2 |
| SKNR5020 | 5.0±0.3 | 5.0±0.3 | 2.0max | 4.0±0.3 | 1.35±0.2 | 2.3±0.3 | 2.3 | 1.4 | 4.2 | Fig.2 |
| SKNR5040 | 5.0±0.3 | 5.0±0.3 | 4.0max | 4.0±0.3 | 1.50±0.3 | 2.0±0.3 | 2.0 | 1.4 | 4.2 | Fig.2 |
| SKNR6020 | 6.0±0.2 | 6.0±0.2 | 2.0max | 4.9±0.2 | 1.55±0.2 | 2.9±0.2 | 2.8 | 1.7 | 5.7 | Fig.2 |
| SKNR6028 | 6.0±0.2 | 6.0±0.2 | 2.8max | 4.9±0.2 | 1.55±0.2 | 2.9±0.2 | 2.8 | 1.7 | 5.7 | Fig.2 |
| SKNR6045 | 6.0±0.2 | 6.0±0.2 | 4.5max | 4.9±0.2 | 1.55±0.2 | 2.9±0.2 | 2.8 | 1.7 | 5.7 | Fig.2 |
| SKNR8040 | 8.0±0.2 | 8.0±0.2 | 4.2max | 6.3±0.2 | 2.0±0.2 | 4.0±0.2 | 3.8 | 2.2 | 7.5 | Fig.2 |

SPECIFICATIONS

SKNR201610 TYPE

| Part Number | Inductance | Inductance Tolerance | L,Q Test Freq. L/Q | Max. DC Resistance | Saturation Current | | Temperature Rise Current | |
|----------------|------------|----------------------|--------------------|--------------------|--------------------|------|--------------------------|------|
| | | | | | Isat | | Irms | |
| | L | - | Freq | DCR | Max. | Typ. | Max. | Typ. |
| Units | μH | - | kHz/V | Ω | mA | mA | mA | mA |
| SKNR201610-R47 | 0.47 | N | 100/1 | 0.040 | 2200 | 2400 | 2100 | 2300 |
| SKNR201610-R68 | 0.68 | N | 100/1 | 0.060 | 1900 | 2100 | 1850 | 2050 |
| SKNR201610-1R0 | 1.0 | N | 100/1 | 0.090 | 1550 | 1700 | 1400 | 1600 |
| SKNR201610-2R2 | 2.2 | M、N | 100/1 | 0.175 | 1100 | 1300 | 900 | 1150 |
| SKNR201610-3R3 | 3.3 | M、N | 100/1 | 0.316 | 800 | 1000 | 650 | 820 |
| SKNR201610-4R7 | 4.7 | M、N | 100/1 | 0.340 | 600 | 750 | 600 | 700 |
| SKNR201610-6R8 | 6.8 | M、N | 100/1 | 0.550 | 550 | 650 | 550 | 630 |

SKNR201610H TYPE

| Part Number | Inductance | Inductance Tolerance | L,Q Test Freq. L/Q | Max. DC Resistance | Saturation Current | | Temperature Rise Current | |
|-----------------|------------|----------------------|--------------------|--------------------|--------------------|------|--------------------------|------|
| | | | | | Isat | | Irms | |
| | L | - | Freq | DCR | Max. | Typ. | Max. | Typ. |
| Units | μH | - | MHz/V | Ω | mA | mA | mA | mA |
| SKNR201610H-R24 | 0.24 | N | 1/1 | 0.040 | 4500 | 5500 | 3000 | 3450 |
| SKNR201610H-R33 | 0.33 | N | 1/1 | 0.049 | 4000 | 5000 | 2900 | 3300 |
| SKNR201610H-R47 | 0.47 | N | 1/1 | 0.049 | 4000 | 4700 | 2700 | 3100 |
| SKNR201610H-R68 | 0.68 | N | 1/1 | 0.065 | 3500 | 4000 | 2500 | 2800 |
| SKNR201610H-1R0 | 1.0 | M、N | 1/1 | 0.090 | 3350 | 3850 | 2050 | 2250 |
| SKNR201610H-1R5 | 1.5 | M、N | 1/1 | 0.130 | 1950 | 3050 | 1700 | 2550 |
| SKNR201610H-2R2 | 2.2 | M、N | 1/1 | 0.170 | 1900 | 2150 | 1450 | 1700 |
| SKNR201610H-3R3 | 3.3 | M、N | 1/1 | 0.300 | 1500 | 2150 | 1000 | 1150 |
| SKNR201610H-4R7 | 4.7 | M、N | 1/1 | 0.425 | 1200 | 1500 | 900 | 1000 |

SKNR252012 TYPE

| Part Number | Inductance | Inductance Tolerance | L,Q Test Freq. L/Q | Max. DC Resistance | Saturation Current | | Temperature Rise Current | |
|----------------|------------|----------------------|--------------------|--------------------|--------------------|------|--------------------------|------|
| | | | | | Isat | | Irms | |
| | L | - | Freq | DCR | Max. | Typ. | Max. | Typ. |
| Units | μH | - | kHz/V | Ω | mA | mA | mA | mA |
| SKNR252012-R47 | 0.47 | N | 100/1 | 0.061 | 3820 | 4270 | 2150 | 2340 |
| SKNR252012-R68 | 0.68 | N | 100/1 | 0.074 | 3280 | 3680 | 1950 | 2130 |
| SKNR252012-1R0 | 1.0 | N | 100/1 | 0.09 | 2590 | 2900 | 1930 | 2100 |

| Part Number | Inductance | Inductance Tolerance | L,Q Test Freq. L/Q | Max. DC Resistance | Saturation Current | | Temperature Rise Current | |
|----------------|------------|----------------------|--------------------|--------------------|--------------------|------|--------------------------|------|
| | | | | | Isat | | Irms | |
| | L | - | Freq | DCR | Max. | Typ. | Max. | Typ. |
| Units | μH | - | kHz/V | Ω | mA | mA | mA | mA |
| SKNR252012-R47 | 0.47 | N | 100/1 | 0.061 | 3820 | 4270 | 2150 | 2340 |
| SKNR252012-R68 | 0.68 | N | 100/1 | 0.074 | 3280 | 3680 | 1950 | 2130 |
| SKNR252012-1R0 | 1.0 | N | 100/1 | 0.09 | 2590 | 2900 | 1930 | 2100 |
| SKNR252012-1R2 | 1.2 | M、N | 100/1 | 0.129 | 2380 | 2670 | 1460 | 1590 |
| SKNR252012-1R5 | 1.5 | M、N | 100/1 | 0.147 | 2240 | 2510 | 1400 | 1530 |
| SKNR252012-2R2 | 2.2 | M、N | 100/1 | 0.216 | 1850 | 2070 | 1150 | 1250 |
| SKNR252012-2R7 | 2.7 | M、N | 100/1 | 0.239 | 1720 | 1920 | 1090 | 1190 |
| SKNR252012-3R3 | 3.3 | M、N | 100/1 | 0.264 | 1610 | 1800 | 1040 | 1130 |
| SKNR252012-3R6 | 3.6 | M、N | 100/1 | 0.348 | 1460 | 1640 | 900 | 980 |
| SKNR252012-4R3 | 4.3 | M、N | 100/1 | 0.377 | 1370 | 1530 | 870 | 950 |
| SKNR252012-4R7 | 4.7 | M、N | 100/1 | 0.377 | 1120 | 1250 | 870 | 950 |
| SKNR252012-5R1 | 5.1 | M、N | 100/1 | 0.5 | 1120 | 1250 | 750 | 820 |
| SKNR252012-5R6 | 5.6 | M、N | 100/1 | 0.538 | 1110 | 1250 | 730 | 800 |
| SKNR252012-6R2 | 6.2 | M、N | 100/1 | 0.542 | 1030 | 1160 | 730 | 800 |
| SKNR252012-6R8 | 6.8 | M、N | 100/1 | 0.581 | 980 | 1100 | 690 | 750 |
| SKNR252012-7R5 | 7.5 | M、N | 100/1 | 0.611 | 980 | 1100 | 680 | 740 |
| SKNR252012-8R2 | 8.2 | M、N | 100/1 | 0.658 | 980 | 1100 | 650 | 710 |
| SKNR252012-9R1 | 9.1 | M、N | 100/1 | 0.69 | 910 | 1020 | 620 | 680 |
| SKNR252012-100 | 10 | M、N | 100/1 | 0.69 | 790 | 880 | 620 | 680 |
| SKNR252012-120 | 12 | M、N | 100/1 | 1.075 | 780 | 880 | 510 | 560 |

SKNR252012H TYPE

| Part Number | Inductance | Inductance Tolerance | L,Q Test Freq. L/Q | Max. DC Resistance | Saturation Current | | Temperature Rise Current | |
|-----------------|------------|----------------------|--------------------|--------------------|--------------------|------|--------------------------|------|
| | | | | | Isat | | Irms | |
| | L | - | Freq | DCR | Max. | Typ. | Max. | Typ. |
| Units | μH | - | MHz/V | Ω | mA | mA | mA | mA |
| SKNR252012H-R24 | 0.24 | N | 1/1 | 0.022 | 6500 | 7800 | 4050 | 4700 |
| SKNR252012H-R33 | 0.33 | N | 1/1 | 0.029 | 5300 | 6200 | 3700 | 4300 |
| SKNR252012H-R47 | 0.47 | N | 1/1 | 0.036 | 4900 | 5600 | 3150 | 3600 |
| SKNR252012H-R68 | 0.68 | M、N | 1/1 | 0.043 | 3700 | 4300 | 2800 | 3250 |
| SKNR252012H-1R0 | 1 | M、N | 1/1 | 0.054 | 3600 | 4200 | 2550 | 3000 |
| SKNR252012H-1R2 | 1.2 | M、N | 1/1 | 0.065 | 3100 | 3500 | 2350 | 2750 |

| Part Number | Inductance | Inductance Tolerance | L,Q Test Freq. L/Q | Max. DC Resistance | Saturation Current | | Temperature Rise Current | |
|--------------------|------------|----------------------|--------------------|--------------------|--------------------|------|--------------------------|------|
| | | | | | Isat | | Irms | |
| | L | - | Freq | DCR | Max. | Typ. | Max. | Typ. |
| Units | μH | - | MHz/V | Ω | mA | mA | mA | mA |
| SKNR252012H-1R5 | 1.5 | M、N | 1/1 | 0.072 | 2900 | 3500 | 2150 | 2500 |
| SKNR252012H-2R2 | 2.2 | M、N | 1/1 | 0.104 | 1800 | 2100 | 1800 | 2050 |
| SKNR252012H-2R2Y01 | 2.2 | M、N | 1/1 | 0.117 | 2100 | 2400 | 1750 | 1900 |
| SKNR252012H-3R3 | 3.3 | M、N | 1/1 | 0.120 | 1700 | 2100 | 1500 | 1750 |
| SKNR252012H-4R7 | 4.7 | M、N | 1/1 | 0.175 | 1700 | 2100 | 1250 | 1500 |
| SKNR252012H-6R8 | 6.8 | M、N | 1/1 | 0.300 | 1600 | 1900 | 950 | 1100 |
| SKNR252012H-100 | 10 | M、N | 1/1 | 0.435 | 1150 | 1350 | 850 | 1000 |
| SKNR252012H-150 | 15 | M、N | 1/1 | 0.820 | 1100 | 1350 | 570 | 650 |

SKNR3010 TYPE

| Part Number | Inductance | Inductance Tolerance | L,Q Test Freq. L/Q | Max. DC Resistance | Saturation Current | | Temperature Rise Current | |
|--------------|------------|----------------------|--------------------|--------------------|--------------------|------|--------------------------|------|
| | | | | | Isat | | Irms | |
| | L | - | Freq | DCR | Max. | Typ. | Max. | Typ. |
| Units | μH | - | kHz/V | Ω | mA | mA | mA | mA |
| SKNR3010-1R0 | 1.0 | N | 100/1 | 0.085 | 1400 | 2100 | 1450 | 1800 |
| SKNR3010-1R2 | 1.2 | N | 100/1 | 0.085 | 1250 | 1700 | 1450 | 1800 |
| SKNR3010-1R5 | 1.5 | N | 100/1 | 0.104 | 1270 | 1700 | 1300 | 1600 |
| SKNR3010-2R2 | 2.2 | N | 100/1 | 0.143 | 1150 | 1500 | 1090 | 1400 |
| SKNR3010-2R7 | 2.7 | N | 100/1 | 0.169 | 1000 | 1200 | 1020 | 1400 |
| SKNR3010-3R3 | 3.3 | N | 100/1 | 0.189 | 970 | 1200 | 960 | 1200 |
| SKNR3010-3R6 | 3.6 | M、N | 100/1 | 0.215 | 950 | 1200 | 900 | 1100 |
| SKNR3010-4R7 | 4.7 | M、N | 100/1 | 0.293 | 750 | 1050 | 770 | 1100 |
| SKNR3010-5R6 | 5.6 | M、N | 100/1 | 0.322 | 580 | 750 | 700 | 1050 |
| SKNR3010-6R8 | 6.8 | M、N | 100/1 | 0.397 | 550 | 750 | 660 | 960 |
| SKNR3010-8R2 | 8.2 | M、N | 100/1 | 0.520 | 550 | 750 | 580 | 700 |
| SKNR3010-100 | 10 | M、N | 100/1 | 0.520 | 550 | 750 | 580 | 700 |
| SKNR3010-120 | 12 | M、N | 100/1 | 0.657 | 430 | 650 | 520 | 670 |
| SKNR3010-150 | 15 | M、N | 100/1 | 0.793 | 420 | 570 | 470 | 570 |
| SKNR3010-220 | 22 | M、N | 100/1 | 1.209 | 350 | 480 | 380 | 550 |
| SKNR3010-270 | 27 | M、N | 100/1 | 1.404 | 300 | 450 | 350 | 550 |

| Part Number | Inductance | Inductance Tolerance | L,Q Test Freq. L/Q | Max. DC Resistance | Saturation Current | | Temperature Rise Current | |
|--------------|------------|----------------------|--------------------|--------------------|--------------------|------|--------------------------|------|
| | | | | | Isat | | Irms | |
| | L | - | Freq | DCR | Max. | Typ. | Max. | Typ. |
| Units | μH | - | kHz/V | Ω | mA | mA | mA | mA |
| SKNR3010-330 | 33 | M、N | 100/1 | 2.015 | 290 | 420 | 300 | 550 |
| SKNR3010-390 | 39 | M、N | 100/1 | 2.275 | 280 | 380 | 280 | 530 |
| SKNR3010-430 | 43 | M、N | 100/1 | 2.340 | 230 | 360 | 270 | 520 |
| SKNR3010-470 | 47 | M、N | 100/1 | 2.535 | 220 | 350 | 260 | 520 |
| SKNR3010-510 | 51 | M、N | 100/1 | 2.860 | 210 | 330 | 250 | 480 |
| SKNR3010-560 | 56 | M、N | 100/1 | 3.106 | 210 | 280 | 240 | 350 |

SKNR3012 TYPE

| Part Number | Inductance | Inductance Tolerance | L,Q Test Freq. L/Q | Max. DC Resistance | Saturation Current | | Temperature Rise Current | |
|--------------|------------|----------------------|--------------------|--------------------|--------------------|------|--------------------------|------|
| | | | | | Isat | | Irms | |
| | L | - | Freq | DCR | Max. | Typ. | Max. | Typ. |
| Units | μH | - | kHz/V | Ω | mA | mA | mA | mA |
| SKNR3012-R22 | 0.22 | N | 100/1 | 0.022 | 5300 | 6000 | 3000 | 3300 |
| SKNR3012-R82 | 0.82 | N | 100/1 | 0.039 | 2250 | 2800 | 2470 | 3000 |
| SKNR3012-1R0 | 1.0 | N | 100/1 | 0.052 | 1870 | 2800 | 2200 | 2700 |
| SKNR3012-1R2 | 1.2 | N | 100/1 | 0.059 | 1870 | 2500 | 2010 | 2200 |
| SKNR3012-1R5 | 1.5 | N | 100/1 | 0.059 | 1620 | 1900 | 2010 | 2200 |
| SKNR3012-1R8 | 1.8 | N | 100/1 | 0.082 | 1300 | 1900 | 1650 | 1800 |
| SKNR3012-2R2 | 2.2 | N | 100/1 | 0.098 | 1200 | 1900 | 1600 | 1700 |
| SKNR3012-2R4 | 2.4 | N | 100/1 | 0.098 | 1150 | 1500 | 1600 | 1700 |
| SKNR3012-2R7 | 2.7 | N | 100/1 | 0.110 | 1140 | 1500 | 1480 | 1500 |
| SKNR3012-3R3 | 3.3 | M、N | 100/1 | 0.130 | 1050 | 1500 | 1360 | 1400 |
| SKNR3012-3R6 | 3.6 | M、N | 100/1 | 130 | 1050 | 1500 | 1360 | 1400 |
| SKNR3012-3R9 | 3.9 | M、N | 100/1 | 0.189 | 1000 | 1300 | 1240 | 1300 |
| SKNR3012-4R7 | 4.7 | M、N | 100/1 | 0.206 | 900 | 1100 | 1240 | 1300 |
| SKNR3012-5R6 | 5.6 | M、N | 100/1 | 0.226 | 800 | 1100 | 1130 | 1240 |
| SKNR3012-6R8 | 6.8 | M、N | 100/1 | 0.247 | 750 | 900 | 980 | 1100 |
| SKNR3012-100 | 10 | M、N | 100/1 | 0.345 | 600 | 880 | 830 | 900 |
| SKNR3012-120 | 12 | M、N | 100/1 | 0.449 | 480 | 670 | 730 | 840 |
| SKNR3012-150 | 15 | M、N | 100/1 | 0.468 | 450 | 620 | 710 | 770 |

| Part Number | Inductance | Inductance Tolerance | L,Q Test Freq. L/Q | Max. DC Resistance | Saturation Current | | Temperature Rise Current | |
|--------------|------------|----------------------|--------------------|--------------------|--------------------|------|--------------------------|------|
| | | | | | Isat | | Irms | |
| | L | - | Freq | DCR | Max. | Typ. | Max. | Typ. |
| Units | μH | - | kHz/V | Ω | mA | mA | mA | mA |
| SKNR3012-180 | 18 | M、N | 100/1 | 0.709 | 430 | 590 | 580 | 650 |
| SKNR3012-220 | 22 | M、N | 100/1 | 0.839 | 420 | 520 | 530 | 590 |
| SKNR3012-270 | 27 | M、N | 100/1 | 1.131 | 360 | 480 | 470 | 510 |
| SKNR3012-330 | 33 | M、N | 100/1 | 1.138 | 360 | 460 | 460 | 500 |
| SKNR3012-360 | 36 | M、N | 100/1 | 1.235 | 340 | 440 | 440 | 480 |
| SKNR3012-390 | 39 | M、N | 100/1 | 1.729 | 300 | 390 | 370 | 410 |
| SKNR3012-470 | 47 | M、N | 100/1 | 1.885 | 270 | 350 | 350 | 400 |
| SKNR3012-560 | 56 | M、N | 100/1 | 1.894 | 260 | 330 | 340 | 400 |
| SKNR3012-680 | 68 | M、N | 100/1 | 2.171 | 240 | 290 | 330 | 370 |
| SKNR3012-820 | 82 | M、N | 100/1 | 3.302 | 210 | 270 | 270 | 310 |
| SKNR3012-101 | 100 | M、N | 100/1 | 3.718 | 210 | 230 | 250 | 290 |

SKNR3015 TYPE

| Part Number | Inductance | Inductance Tolerance | L,Q Test Freq. L/Q | Max. DC Resistance | Saturation Current | | Temperature Rise Current | |
|--------------|------------|----------------------|--------------------|--------------------|--------------------|------|--------------------------|------|
| | | | | | Isat | | Irms | |
| | L | - | Freq | DCR | Max. | Typ. | Max. | Typ. |
| Units | μH | - | kHz/V | Ω | mA | mA | mA | mA |
| SKNR3015-R47 | 0.47 | N | 100/1 | 0.032 | 3900 | 4200 | 2600 | 2800 |
| SKNR3015-R68 | 0.68 | N | 100/1 | 0.039 | 3300 | 3900 | 2400 | 2700 |
| SKNR3015-1R0 | 1 | N | 100/1 | 0.039 | 2320 | 3100 | 2350 | 2500 |
| SKNR3015-1R2 | 1.2 | N | 100/1 | 0.052 | 2210 | 3100 | 1950 | 2300 |
| SKNR3015-1R5 | 1.5 | N | 100/1 | 0.065 | 2300 | 2700 | 1700 | 2200 |
| SKNR3015-1R8 | 1.8 | N | 100/1 | 0.065 | 1750 | 2200 | 1700 | 2200 |
| SKNR3015-2R2 | 2.2 | N | 100/1 | 0.078 | 1600 | 2000 | 1600 | 2000 |
| SKNR3015-2R7 | 2.7 | N | 100/1 | 0.098 | 1520 | 1900 | 1430 | 1900 |
| SKNR3015-3R3 | 3.3 | M、N | 100/1 | 0.104 | 1320 | 1810 | 1360 | 1600 |
| SKNR3015-3R6 | 3.6 | M、N | 100/1 | 0.137 | 1280 | 1600 | 1200 | 1500 |
| SKNR3015-3R9 | 3.9 | M、N | 100/1 | 0.137 | 1200 | 1400 | 1200 | 1500 |
| SKNR3015-4R3 | 4.3 | M、N | 100/1 | 0.15 | 1200 | 1400 | 1140 | 1300 |
| SKNR3015-4R7 | 4.7 | M、N | 100/1 | 0.163 | 1100 | 1400 | 1090 | 1300 |
| SKNB3015-5R1 | 5.1 | M、N | 100/1 | 0.173 | 1000 | 1200 | 1050 | 1200 |

| Part Number | Inductance | Inductance Tolerance | L,Q Test Freq. L/Q | Max. DC Resistance | Saturation Current | | Temperature Rise Current | |
|--------------|------------|----------------------|--------------------|--------------------|--------------------|------|--------------------------|------|
| | | | | | Isat | | Irms | |
| | L | - | Freq | DCR | Max. | Typ. | Max. | Typ. |
| Units | μH | - | kHz/V | Ω | mA | mA | mA | mA |
| SKNR3015-6R2 | 6.2 | M、N | 100/1 | 0.254 | 1000 | 1200 | 860 | 1000 |
| SKNR3015-6R8 | 6.8 | M、N | 100/1 | 0.26 | 850 | 1100 | 850 | 1100 |
| SKNR3015-100 | 10 | M、N | 100/1 | 0.325 | 720 | 920 | 700 | 900 |
| SKNR3015-120 | 12 | M、N | 100/1 | 0.416 | 700 | 900 | 680 | 890 |
| SKNR3015-150 | 15 | M、N | 100/1 | 0.455 | 660 | 880 | 650 | 720 |
| SKNR3015-180 | 18 | M、N | 100/1 | 0.559 | 560 | 720 | 590 | 720 |
| SKNR3015-220 | 22 | M、N | 100/1 | 0.598 | 520 | 680 | 570 | 690 |
| SKNR3015-270 | 27 | M、N | 100/1 | 0.949 | 480 | 560 | 450 | 560 |
| SKNR3015-330 | 33 | M、N | 100/1 | 1,066 | 440 | 530 | 430 | 510 |
| SKNR3015-390 | 39 | M、N | 100/1 | 1.294 | 410 | 550 | 390 | 440 |
| SKNR3015-430 | 43 | M、N | 100/1 | 1.378 | 370 | 430 | 370 | 480 |
| SKNR3015-470 | 47 | M、N | 100/1 | 1.625 | 350 | 430 | 350 | 440 |
| SKNR3015-560 | 56 | M、N | 100/1 | 1.664 | 330 | 420 | 340 | 410 |

SKNR3015H TYPE

| Part Number | Inductance | Inductance Tolerance | L,Q Test Freq. L/Q | Max. DC Resistance | Saturation Current | | Temperature Rise Current | |
|---------------|------------|----------------------|--------------------|--------------------|--------------------|-------|--------------------------|------|
| | | | | | Isat | | Irms | |
| | L | - | Freq | DCR | Max. | Typ. | Max. | Typ. |
| Units | μH | - | MHz/V | Ω | mA | mA | mA | mA |
| SKNR3015H-R22 | 0.22 | N | 1/1 | 0.019 | 8800 | 11000 | 5200 | 6000 |
| SKNR3015H-R33 | 0.33 | N | 1/1 | 0.021 | 8000 | 10000 | 5000 | 6000 |
| SKNR3015H-R47 | 0.47 | N | 1/1 | 0.026 | 7600 | 9500 | 4600 | 5200 |
| SKNR3015H-R68 | 0.68 | N | 1/1 | 0.037 | 7000 | 8300 | 4000 | 4600 |
| SKNR3015H-1R0 | 1.0 | N | 1/1 | 0.048 | 5800 | 7000 | 3500 | 4000 |
| SKNR3015H-2R2 | 2.2 | N | 1/1 | 0.095 | 3700 | 4600 | 2200 | 2700 |
| SKNR3015H-3R3 | 3.3 | M、N | 1/1 | 0.150 | 3400 | 3400 | 2000 | 2500 |
| SKNR3015H-4R7 | 4.7 | M、N | 1/1 | 0.185 | 2500 | 3000 | 1700 | 2000 |
| SKNR3015H-6R8 | 6.8 | M、N | 1/1 | 0.320 | 2000 | 2400 | 1200 | 1350 |
| SKNR3015H-100 | 10 | M、N | 1/1 | 0.450 | 1600 | 2000 | 1100 | 1250 |

SKNR4012 TYPE

| Part Number | Inductance | Inductance Tolerance | L,Q Test Freq. L/Q | Max. DC Resistance | Saturation Current | | Temperature Rise Current | |
|--------------|------------|----------------------|--------------------|--------------------|--------------------|------|--------------------------|------|
| | | | | | Isat | | Irms | |
| | L | - | Freq | DCR | Max. | Typ. | Max. | Typ. |
| Units | μH | - | kHz/V | Ω | mA | mA | mA | mA |
| SKNR4012-R82 | 0.82 | N | 100/1 | 0.065 | 3020 | 3300 | 1650 | 2500 |
| SKNR4012-1R0 | 1.0 | N | 100/1 | 0.065 | 2610 | 3200 | 1650 | 2500 |
| SKNR4012-1R5 | 1.5 | N | 100/1 | 0.085 | 2100 | 2700 | 1460 | 2200 |
| SKNR4012-1R8 | 1.8 | N | 100/1 | 0.104 | 2120 | 2600 | 1320 | 1900 |
| SKNR4012-2R2 | 2.2 | N | 100/1 | 0.104 | 1960 | 2300 | 1320 | 1900 |
| SKNR4012-2R7 | 2.7 | N | 100/1 | 0.117 | 1900 | 2300 | 1250 | 1700 |
| SKNR4012-3R3 | 3.3 | N | 100/1 | 0.143 | 1720 | 2100 | 1120 | 1600 |
| SKNR4012-3R6 | 3.6 | N | 100/1 | 0.143 | 1700 | 1800 | 1120 | 1600 |
| SKNR4012-4R3 | 4.3 | N | 100/1 | 0.162 | 1580 | 1800 | 1000 | 1500 |
| SKNR4012-4R7 | 4.7 | N | 100/1 | 0.163 | 1550 | 1800 | 1050 | 1500 |
| SKNR4012-5R1 | 5.1 | N | 100/1 | 0.201 | 1550 | 1600 | 1050 | 1500 |
| SKNR4012-5R6 | 5.6 | N | 100/1 | 0.230 | 1000 | 1600 | 1000 | 1200 |
| SKNR4012-6R8 | 6.8 | M、N | 100/1 | 0.257 | 850 | 1400 | 840 | 1200 |
| SKNR4012-100 | 10 | M、N | 100/1 | 0.345 | 800 | 1100 | 770 | 1000 |
| SKNR4012-120 | 12 | M、N | 100/1 | 0.377 | 660 | 1000 | 700 | 950 |
| SKNR4012-150 | 15 | M、N | 100/1 | 0.442 | 560 | 800 | 640 | 850 |
| SKNR4012-180 | 18 | M、N | 100/1 | 0.611 | 550 | 750 | 550 | 800 |
| SKNR4012-220 | 22 | M、N | 100/1 | 0.763 | 460 | 700 | 490 | 750 |
| SKNR4012-270 | 27 | M、N | 100/1 | 0.936 | 450 | 700 | 450 | 600 |
| SKNR4012-330 | 33 | M、N | 100/1 | 1,053 | 420 | 600 | 420 | 580 |
| SKNR4012-360 | 36 | M、N | 100/1 | 1.170 | 400 | 560 | 400 | 560 |
| SKNR4012-390 | 39 | M、N | 100/1 | 1.430 | 350 | 550 | 370 | 500 |
| SKNR4012-470 | 47 | M、N | 100/1 | 1.430 | 350 | 500 | 370 | 500 |
| SKNR4012-560 | 56 | M、N | 100/1 | 1.625 | 330 | 450 | 330 | 460 |
| SKNR4012-680 | 68 | M、N | 100/1 | 2.535 | 330 | 450 | 270 | 450 |
| SKNR4012-820 | 82 | M、N | 100/1 | 2.782 | 280 | 400 | 260 | 360 |
| SKNR4012-101 | 100 | M、N | 100/1 | 2.783 | 250 | 300 | 250 | 350 |

SKNR4018 TYPE

| Part Number | Inductance | Inductance Tolerance | L,Q Test Freq. L/Q | Max. DC Resistance | Saturation Current | | Temperature Rise Current | |
|--------------|------------|----------------------|--------------------|--------------------|--------------------|------|--------------------------|------|
| | | | | | Isat | | Irms | |
| | L | - | Freq | DCR | Max. | Typ. | Max. | Typ. |
| Units | μH | - | kHz/V | Ω | mA | mA | mA | mA |
| SKNR4018-R47 | 0.47 | N | 100/1 | 0.018 | 5300 | 5700 | 4000 | 4500 |
| SKNR4018-R68 | 0.68 | N | 100/1 | 0.028 | 4900 | 5600 | 3300 | 3800 |
| SKNR4018-1R0 | 1.0 | N | 100/1 | 0.033 | 4800 | 5200 | 2000 | 3300 |
| SKNR4018-1R5 | 1.5 | N | 100/1 | 0.039 | 3350 | 4000 | 2000 | 3200 |
| SKNR4018-1R8 | 1.8 | N | 100/1 | 0.044 | 3000 | 3400 | 2000 | 2800 |
| SKNR4018-2R2 | 2.2 | M、N | 100/1 | 0.059 | 2700 | 3200 | 1650 | 2600 |
| SKNR4018-3R3 | 3.3 | M、N | 100/1 | 0.091 | 2450 | 3000 | 1230 | 2200 |
| SKNR4018-4R7 | 4.7 | M、N | 100/1 | 0.117 | 1700 | 2200 | 1200 | 1800 |
| SKNR4018-6R8 | 6.8 | M、N | 100/1 | 0.143 | 1450 | 2000 | 1060 | 1500 |
| SKNR4018-100 | 10 | M、N | 100/1 | 0.234 | 1300 | 1600 | 840 | 1200 |
| SKNR4018-150 | 15 | M、N | 100/1 | 0.325 | 940 | 1100 | 650 | 1000 |
| SKNR4018-220 | 22 | M、N | 100/1 | 0.468 | 800 | 900 | 590 | 850 |
| SKNR4018-330 | 33 | M、N | 100/1 | 0.689 | 570 | 750 | 490 | 720 |
| SKNR4018-470 | 47 | M、N | 100/1 | 0.845 | 560 | 700 | 420 | 650 |
| SKNR4018-680 | 68 | M、N | 100/1 | 1.300 | 470 | 510 | 320 | 520 |
| SKNR4018-101 | 100 | M、N | 100/1 | 2.275 | 400 | 440 | 250 | 410 |

SKNR4020 TYPE

| Part Number | Inductance | Inductance Tolerance | L,Q Test Freq. L/Q | Max. DC Resistance | Saturation Current | | Temperature Rise Current | |
|--------------|------------|----------------------|--------------------|--------------------|--------------------|-------|--------------------------|------|
| | | | | | Isat | | Irms | |
| | L | - | Freq | DCR | Max. | Typ. | Max. | Typ. |
| Units | μH | - | kHz/V | Ω | mA | mA | mA | mA |
| SKNR4020-R24 | 0.24 | N | 100/1 | 0.014 | 10500 | 12500 | 4500 | 5200 |
| SKNR4020-R33 | 0.33 | N | 100/1 | 0.016 | 7500 | 8500 | 3300 | 4900 |
| SKNR4020-R47 | 0.47 | N | 100/1 | 0.029 | 7000 | 7500 | 3300 | 3700 |
| SKNR4020-R68 | 0.68 | N | 100/1 | 0.036 | 6400 | 6600 | 2800 | 3300 |
| SKNR4020-1R0 | 1.0 | N | 100/1 | 0.038 | 5150 | 5600 | 2150 | 3200 |
| SKNR4020-1R2 | 1.2 | N | 100/1 | 0.038 | 5100 | 5600 | 2080 | 3200 |
| SKNR4020-1R5 | 1.5 | N | 100/1 | 0.046 | 4450 | 4900 | 1980 | 3000 |

| Part Number | Inductance | Inductance Tolerance | L,Q Test Freq. L/Q | Max. DC Resistance | Saturation Current | | Temperature Rise Current | |
|--------------|------------|----------------------|--------------------|--------------------|--------------------|------|--------------------------|------|
| | | | | | Isat | | Irms | |
| | L | - | Freq | DCR | Max. | Typ. | Max. | Typ. |
| Units | μH | - | kHz/V | Ω | mA | mA | mA | mA |
| SKNR4020-2R2 | 2.2 | N | 100/1 | 0.052 | 3400 | 3700 | 1850 | 2800 |
| SKNR4020-3R3 | 3.3 | M、N | 100/1 | 0.091 | 3200 | 3500 | 1400 | 2500 |
| SKNR4020-3R6 | 3.6 | M、N | 100/1 | 0.092 | 2800 | 3000 | 1540 | 2500 |
| SKNR4020-4R7 | 4.7 | M、N | 100/1 | 0.098 | 2350 | 2500 | 1340 | 2000 |
| SKNR4020-5R1 | 5.1 | M、N | 100/1 | 0.111 | 2300 | 2500 | 1270 | 1800 |
| SKNR4020-5R6 | 5.6 | M、N | 100/1 | 0.117 | 2200 | 2400 | 1220 | 1800 |
| SKNR4020-6R2 | 6.2 | M、N | 100/1 | 0.150 | 2150 | 2400 | 1080 | 1600 |
| SKNR4020-6R8 | 6.8 | M、N | 100/1 | 0.163 | 2150 | 2400 | 1080 | 1600 |
| SKNR4020-7R5 | 7.5 | M、N | 100/1 | 0.170 | 1850 | 2000 | 1040 | 1500 |
| SKNR4020-8R2 | 8.2 | M、N | 100/1 | 0.183 | 1750 | 1900 | 1040 | 1400 |
| SKNR4020-100 | 10 | M、N | 100/1 | 0.215 | 1600 | 1700 | 900 | 1200 |
| SKNR4020-120 | 12 | M、N | 100/1 | 0.228 | 1500 | 1600 | 880 | 1200 |
| SKNR4020-150 | 15 | M、N | 100/1 | 0.299 | 1350 | 1500 | 770 | 1100 |
| SKNR4020-220 | 22 | M、N | 100/1 | 0.455 | 1050 | 1100 | 620 | 870 |
| SKNR4020-270 | 27 | M、N | 100/1 | 0.709 | 1020 | 1100 | 500 | 700 |
| SKNR4020-330 | 33 | M、N | 100/1 | 0.715 | 850 | 930 | 490 | 680 |
| SKNR4020-390 | 39 | M、N | 100/1 | 0.845 | 820 | 900 | 460 | 640 |
| SKNR4020-430 | 43 | M、N | 100/1 | 0.858 | 770 | 850 | 450 | 630 |
| SKNR4020-470 | 47 | M、N | 100/1 | 0.923 | 740 | 810 | 440 | 610 |
| SKNR4020-510 | 51 | M、N | 100/1 | 0.975 | 700 | 770 | 420 | 590 |
| SKNR4020-560 | 56 | M、N | 100/1 | 1.040 | 660 | 720 | 410 | 570 |
| SKNR4020-620 | 62 | M、N | 100/1 | 1.170 | 650 | 710 | 390 | 520 |
| SKNR4020-680 | 68 | M、N | 100/1 | 1.380 | 610 | 670 | 360 | 500 |
| SKNR4020-750 | 75 | M、N | 100/1 | 1.510 | 600 | 670 | 350 | 490 |
| SKNR4020-820 | 82 | M、N | 100/1 | 1.520 | 500 | 550 | 340 | 470 |
| SKNR4020-101 | 100 | M、N | 100/1 | 2.020 | 480 | 530 | 310 | 430 |

SKNR4030 TYPE

| Part Number | Inductance | Inductance Tolerance | L,Q Test Freq. L/Q | Max. DC Resistance | Saturation Current | | Temperature Rise Current | |
|--------------|------------|----------------------|--------------------|--------------------|--------------------|------|--------------------------|------|
| | | | | | Isat | | Irms | |
| | L | - | Freq | DCR | Max. | Typ. | Max. | Typ. |
| Units | μH | - | kHz/V | Ω | mA | mA | mA | mA |
| SKNR4030-R68 | 0.68 | N | 100/1 | 0.013 | 6800 | 8000 | 4560 | 5100 |
| SKNR4030-R91 | 0.91 | N | 100/1 | 0.017 | 6250 | 6800 | 4150 | 4700 |
| SKNR4030-1R0 | 1.0 | N | 100/1 | 0.018 | 5860 | 6400 | 4150 | 4700 |
| SKNR4030-1R2 | 1.2 | N | 100/1 | 0.020 | 5800 | 6300 | 3820 | 4200 |
| SKNR4030-1R5 | 1.5 | N | 100/1 | 0.026 | 5480 | 5800 | 3340 | 3600 |
| SKNR4030-1R8 | 1.8 | N | 100/1 | 0.033 | 5400 | 5800 | 3200 | 3300 |
| SKNR4030-2R2 | 2.2 | N | 100/1 | 0.039 | 4900 | 5800 | 2950 | 3200 |
| SKNR4030-3R3 | 3.3 | M、N | 100/1 | 0.052 | 3300 | 3600 | 2400 | 2600 |
| SKNR4030-3R6 | 3.6 | M、N | 100/1 | 0.052 | 3000 | 3500 | 2400 | 2600 |
| SKNR4030-3R9 | 3.9 | M、N | 100/1 | 0.074 | 3000 | 3300 | 2100 | 2300 |
| SKNR4030-4R3 | 4.3 | M、N | 100/1 | 0.076 | 2950 | 3200 | 2100 | 2300 |
| SKNR4030-4R7 | 4.7 | M、N | 100/1 | 0.078 | 2900 | 3200 | 2000 | 2300 |
| SKNR4030-5R6 | 5.6 | M、N | 100/1 | 0.085 | 2750 | 3000 | 1950 | 2100 |
| SKNR4030-6R8 | 6.8 | M、N | 100/1 | 0.117 | 2600 | 3000 | 1700 | 1800 |
| SKNR4030-7R5 | 7.5 | M、N | 100/1 | 0.117 | 2200 | 2400 | 1650 | 1800 |
| SKNR4030-8R2 | 8.2 | M、N | 100/1 | 0.117 | 2100 | 2400 | 1600 | 1700 |
| SKNR4030-100 | 10 | M、N | 100/1 | 0.130 | 1950 | 2400 | 1500 | 1600 |
| SKNR4030-120 | 12 | M、N | 100/1 | 0.175 | 1700 | 1800 | 1300 | 1400 |
| SKNR4030-150 | 15 | M、N | 100/1 | 0.247 | 1650 | 1800 | 1110 | 1200 |
| SKNR4030-180 | 18 | M、N | 100/1 | 0.260 | 1400 | 1500 | 1100 | 1200 |
| SKNR4030-220 | 22 | M、N | 100/1 | 0.292 | 1300 | 1400 | 1000 | 1200 |
| SKNR4030-270 | 27 | M、N | 100/1 | 0.338 | 1150 | 1350 | 900 | 1050 |
| SKNR4030-330 | 33 | M、N | 100/1 | 0.429 | 1100 | 1200 | 840 | 920 |
| SKNR4030-360 | 36 | M、N | 100/1 | 0.436 | 1050 | 1100 | 830 | 910 |
| SKNR4030-390 | 39 | M、N | 100/1 | 0.566 | 1030 | 1100 | 730 | 800 |
| SKNR4030-470 | 47 | M、N | 100/1 | 0.579 | 950 | 1000 | 720 | 800 |
| SKNR4030-510 | 51 | M、N | 100/1 | 0.611 | 900 | 1000 | 700 | 800 |
| SKNR4030-560 | 56 | M、N | 100/1 | 0.722 | 850 | 990 | 650 | 710 |
| SKNR4030-620 | 62 | M、N | 100/1 | 0.761 | 800 | 990 | 630 | 700 |

| Part Number | Inductance | Inductance Tolerance | L,Q Test Freq. L/Q | Max. DC Resistance | Saturation Current | | Temperature Rise Current | |
|--------------|------------|----------------------|--------------------|--------------------|--------------------|------|--------------------------|------|
| | | | | | Isat | | I _{rms} | |
| | L | - | Freq | DCR | Max. | Typ. | Max. | Typ. |
| Units | μH | - | kHz/V | Ω | mA | mA | mA | mA |
| SKNR4030-680 | 68 | M、N | 100/1 | 1.128 | 720 | 880 | 520 | 570 |
| SKNR4030-750 | 75 | M、N | 100/1 | 1.326 | 700 | 880 | 480 | 530 |
| SKNR4030-820 | 82 | M、N | 100/1 | 1.378 | 660 | 730 | 470 | 520 |
| SKNR4030-910 | 91 | M、N | 100/1 | 1.430 | 650 | 730 | 460 | 500 |
| SKNR4030-101 | 100 | M、N | 100/1 | 1.495 | 600 | 730 | 450 | 490 |
| SKNR4030-121 | 120 | M、N | 100/1 | 1.755 | 550 | 600 | 420 | 460 |
| SKNR4030-151 | 150 | M、N | 100/1 | 2.340 | 500 | 600 | 300 | 410 |
| SKNR4030-221 | 220 | M、N | 100/1 | 3.250 | 400 | 500 | 350 | 400 |
| SKNR4030-331 | 330 | M、N | 100/1 | 5.200 | 300 | 400 | 250 | 260 |
| SKNR4030-471 | 470 | M、N | 100/1 | 9.360 | 300 | 350 | 200 | 210 |
| SKNR4030-501 | 500 | M、N | 100/1 | 9.027 | 280 | 300 | 150 | 200 |
| SKNR4030-681 | 680 | M、N | 100/1 | 9.854 | 190 | 230 | 140 | 190 |

SKNR5020 TYPE

| Part Number | Inductance | Inductance Tolerance | L,Q Test Freq. L/Q | Max. DC Resistance | Saturation Current | | Temperature Rise Current | |
|--------------|------------|----------------------|--------------------|--------------------|--------------------|-------|--------------------------|------|
| | | | | | Isat | | I _{rms} | |
| | L | - | Freq | DCR | Max. | Typ. | Max. | Typ. |
| Units | μH | - | kHz/V | Ω | mA | mA | mA | mA |
| SKNR5020-R22 | 0.22 | N | 100/1 | 0.011 | 9000 | 12000 | 5300 | 6000 |
| SKNR5020-R24 | 0.24 | N | 100/1 | 0.011 | 8000 | 10000 | 4800 | 6000 |
| SKNR5020-R47 | 0.47 | N | 100/1 | 0.013 | 6150 | 6700 | 4600 | 5000 |
| SKNR5020-R68 | 0.68 | N | 100/1 | 0.017 | 5500 | 6000 | 4000 | 4400 |
| SKNR5020-R75 | 0.75 | N | 100/1 | 0.022 | 5500 | 6000 | 4000 | 4400 |
| SKNR5020-1R0 | 1.0 | N | 100/1 | 0.026 | 4500 | 5000 | 3800 | 4100 |
| SKNR5020-1R2 | 1.2 | N | 100/1 | 0.026 | 4100 | 4900 | 3550 | 3900 |
| SKNR5020-1R5 | 1.5 | N | 100/1 | 0.034 | 4100 | 4500 | 3200 | 3500 |
| SKNR5020-2R2 | 2.2 | N | 100/1 | 0.042 | 3200 | 4000 | 2900 | 3100 |
| SKNR5020-2R7 | 2.7 | N | 100/1 | 0.049 | 2900 | 3500 | 2700 | 2900 |
| SKNR5020-3R0 | 3.0 | N | 100/1 | 0.049 | 2550 | 2800 | 2700 | 2900 |
| SKNR5020-3R3 | 3.3 | N | 100/1 | 0.056 | 2550 | 3000 | 2500 | 2700 |
| SKNR5020-3R6 | 3.6 | N | 100/1 | 0.056 | 2800 | 3000 | 2500 | 2700 |

| Part Number | Inductance | Inductance Tolerance | L,Q Test Freq. L/Q | Max. DC Resistance | Saturation Current | | Temperature Rise Current | |
|--------------|------------|----------------------|--------------------|--------------------|--------------------|------|--------------------------|------|
| | | | | | Isat | | Irms | |
| | L | - | Freq | DCR | Max. | Typ. | Max. | Typ. |
| Units | μH | - | kHz/V | Ω | mA | mA | mA | mA |
| SKNR5020-3R9 | 3.9 | N | 100/1 | 0.056 | 2500 | 2800 | 2500 | 2700 |
| SKNR5020-4R3 | 4.3 | M、N | 100/1 | 0.057 | 2500 | 3000 | 2200 | 2400 |
| SKNR5020-4R7 | 4.7 | M、N | 100/1 | 0.074 | 2500 | 2700 | 2200 | 2400 |
| SKNR5020-5R1 | 5.1 | M、N | 100/1 | 0.064 | 2350 | 2600 | 2050 | 2200 |
| SKNR5020-5R6 | 5.6 | M、N | 100/1 | 0.083 | 2300 | 2500 | 2050 | 2200 |
| SKNR5020-6R8 | 6.8 | M、N | 100/1 | 0.108 | 2050 | 2200 | 1800 | 1900 |
| SKNR5020-7R5 | 7.5 | M、N | 100/1 | 0.117 | 1850 | 2000 | 1750 | 1900 |
| SKNR5020-8R2 | 8.2 | M、N | 100/1 | 0.127 | 1850 | 2000 | 1650 | 1800 |
| SKNR5020-9R1 | 9.1 | M、N | 100/1 | 0.143 | 1700 | 1800 | 1550 | 1700 |
| SKNR5020-100 | 10 | M、N | 100/1 | 0.143 | 1700 | 1800 | 1550 | 1700 |
| SKNR5020-120 | 12 | M、N | 100/1 | 0.182 | 1500 | 1600 | 1400 | 1500 |
| SKNR5020-150 | 15 | M、N | 100/1 | 0.215 | 1350 | 1400 | 1250 | 1300 |
| SKNR5020-180 | 18 | M、N | 100/1 | 0.26 | 1250 | 1300 | 1150 | 1200 |
| SKNR5020-220 | 22 | M、N | 100/1 | 0.294 | 1150 | 1200 | 1100 | 1200 |
| SKNR5020-330 | 33 | M、N | 100/1 | 0.507 | 920 | 1000 | 900 | 990 |
| SKNR5020-470 | 47 | M、N | 100/1 | 0.68 | 770 | 840 | 770 | 840 |
| SKNR5020-560 | 56 | M、N | 100/1 | 0.819 | 770 | 840 | 700 | 770 |
| SKNR5020-680 | 68 | M、N | 100/1 | 0.962 | 650 | 700 | 640 | 700 |
| SKNR5020-101 | 100 | M、N | 100/1 | 1.43 | 530 | 580 | 500 | 580 |

SKNR5040 TYPE

| Part Number | Inductance | Inductance Tolerance | L,Q Test Freq. L/Q | Max. DC Resistance | Saturation Current | | Temperature Rise Current | |
|--------------|------------|----------------------|--------------------|--------------------|--------------------|------|--------------------------|------|
| | | | | | Isat | | Irms | |
| | L | - | Freq | DCR | Max. | Typ. | Max. | Typ. |
| Units | μH | - | kHz/V | Ω | mA | mA | mA | mA |
| SKNR5040-R47 | 0.47 | N | 100/1 | 0.010 | 8000 | 8500 | 6000 | 6100 |
| SKNR5040-R68 | 0.68 | N | 100/1 | 0.011 | 7600 | 8000 | 5400 | 5500 |
| SKNR5040-1R0 | 1 | N | 100/1 | 0.016 | 7350 | 8000 | 4900 | 5000 |
| SKNR5040-1R2 | 1.2 | N | 100/1 | 0.021 | 6500 | 7000 | 4150 | 4250 |
| SKNR5040-1R5 | 1.5 | N | 100/1 | 0.021 | 6300 | 6800 | 4150 | 4850 |
| SKNR5040-1R8 | 1.8 | N | 100/1 | 0.021 | 5500 | 6050 | 4150 | 4300 |

| Part Number | Inductance | Inductance Tolerance | L,Q Test Freq. L/Q | Max. DC Resistance | Saturation Current | | Temperature Rise Current | |
|-------------------|------------|----------------------|--------------------|--------------------|--------------------|------|--------------------------|------|
| | | | | | Isat | | Irms | |
| | L | - | Freq | DCR | Max. | Typ. | Max. | Typ. |
| Units | μH | - | kHz/V | Ω | mA | mA | mA | mA |
| SKNR5040-2R2 | 2.2 | M、N | 100/1 | 0.025 | 4900 | 5500 | 3800 | 4200 |
| SKNR5040-2R2/6.4A | 2.2 | M、N | 100/1 | 0.028 | 6400 | 7200 | 4700 | 5400 |
| SKNR5040-2R7 | 2.7 | M、N | 100/1 | 0.029 | 4300 | 4800 | 3600 | 4000 |
| SKNR5040-3R0 | 3 | M、N | 100/1 | 0.029 | 4150 | 4600 | 3600 | 4000 |
| SKNR5040-3R3 | 3.3 | M、N | 100/1 | 0.031 | 3950 | 4450 | 3400 | 3900 |
| SKNR5040-3R3/5.2A | 3.3 | M、N | 100/1 | 0.035 | 5200 | 5800 | 4200 | 4850 |
| SKNR5040-3R9 | 3.9 | M、N | 100/1 | 0.035 | 3550 | 4000 | 3200 | 3700 |
| SKNR5040-4R7 | 4.7 | M、N | 100/1 | 0.039 | 3500 | 3800 | 3000 | 3300 |
| SKNR5040-5R6 | 5.6 | M、N | 100/1 | 0.046 | 3000 | 3700 | 2800 | 3100 |
| SKNR5040-6R8 | 6.8 | M、N | 100/1 | 0.056 | 2900 | 3400 | 2500 | 2800 |
| SKNR5040-8R2 | 8.2 | M、N | 100/1 | 0.062 | 2700 | 2900 | 2300 | 2600 |
| SKNR5040-100 | 10 | M、N | 100/1 | 0.083 | 2350 | 2700 | 2100 | 2350 |
| SKNR5040-100/2.4A | 10 | M、N | 100/1 | 0.093 | 2400 | 2700 | 2050 | 2350 |
| SKNR5040-150 | 15 | M、N | 100/1 | 0.112 | 2000 | 2200 | 2000 | 2050 |
| SKNR5040-220 | 22 | M、N | 100/1 | 0.168 | 1600 | 1800 | 1500 | 1600 |
| SKNR5040-220/2.0A | 22 | M、N | 100/1 | 0.163 | 2000 | 2200 | 1800 | 2000 |
| SKNR5040-330 | 33 | M、N | 100/1 | 0.244 | 1300 | 1450 | 1200 | 1350 |
| SKNR5040-470 | 47 | M、N | 100/1 | 0.354 | 1100 | 1200 | 1000 | 1150 |
| SKNR5040-680 | 68 | M、N | 100/1 | 0.52 | 900 | 1000 | 800 | 900 |
| SKNR5040-101 | 100 | M、N | 100/1 | 0.728 | 750 | 850 | 700 | 780 |
| SKNR5040-151 | 150 | M、N | 100/1 | 0.975 | 650 | 670 | 600 | 700 |
| SKNR5040-331 | 330 | M、N | 100/1 | 2.73 | 420 | 470 | 400 | 500 |
| SKNR5040-681 | 680 | M、N | 100/1 | 5.07 | 300 | 350 | 250 | 300 |
| SKNR5040-102 | 1000 | M、N | 100/1 | 13.18 | 200 | 250 | 200 | 250 |

SKNR6020 TYPE

| Part Number | Inductance | Inductance Tolerance | L,Q Test Freq. L/Q | Max. DC Resistance | Saturation Current | | Temperature Rise Current | |
|--------------|------------|----------------------|--------------------|--------------------|--------------------|------|--------------------------|------|
| | | | | | Isat | | Irms | |
| | L | - | Freq | DCR | Max. | Typ. | Max. | Typ. |
| Units | μH | - | kHz/V | Ω | mA | mA | mA | mA |
| SKNR6020-R50 | 0.5 | N | 100/1 | 0.018 | 6550 | 8000 | 4000 | 5000 |
| SKNR6020-R68 | 0.68 | N | 100/1 | 0.022 | 6550 | 7800 | 3800 | 4800 |
| SKNR6020-R82 | 0.82 | N | 100/1 | 0.022 | 5300 | 7000 | 3800 | 4800 |

| Part Number | Inductance | Inductance Tolerance | L,Q Test Freq. L/Q | Max. DC Resistance | Saturation Current | | Temperature Rise Current | |
|--------------|------------|----------------------|--------------------|--------------------|--------------------|------|--------------------------|------|
| | | | | | Isat | | Irms | |
| | L | - | Freq | DCR | Max. | Typ. | Max. | Typ. |
| Units | μH | - | kHz/V | Ω | mA | mA | mA | mA |
| SKNR6020-1R0 | 1 | N | 100/1 | 0.025 | 5150 | 7000 | 3500 | 4400 |
| SKNR6020-1R2 | 1.2 | N | 100/1 | 0.029 | 4590 | 6500 | 3200 | 4000 |
| SKNR6020-1R5 | 1.5 | N | 100/1 | 0.029 | 4250 | 5800 | 3200 | 4000 |
| SKNR6020-1R8 | 1.8 | N | 100/1 | 0.036 | 4250 | 5800 | 2750 | 3500 |
| SKNR6020-2R0 | 2 | N | 100/1 | 0.046 | 4100 | 4900 | 2600 | 3300 |
| SKNR6020-2R2 | 2.2 | N | 100/1 | 0.046 | 3750 | 4500 | 2600 | 3500 |
| SKNR6020-2R7 | 2.7 | N | 100/1 | 0.046 | 3500 | 4600 | 2600 | 3300 |
| SKNR6020-3R3 | 3.3 | N | 100/1 | 0.046 | 3250 | 3700 | 2600 | 3300 |
| SKNR6020-3R9 | 3.9 | N | 100/1 | 0.064 | 3150 | 3900 | 2100 | 2600 |
| SKNR6020-4R3 | 4.3 | N | 100/1 | 0.064 | 2700 | 3600 | 2100 | 2600 |
| SKNR6020-4R7 | 4.7 | N | 100/1 | 0.075 | 2600 | 3600 | 2000 | 2500 |
| SKNR6020-5R6 | 5.6 | N | 100/1 | 0.075 | 2400 | 2900 | 1900 | 2400 |
| SKNR6020-6R2 | 6.2 | N | 100/1 | 0.103 | 2300 | 2700 | 1800 | 2300 |
| SKNR6020-6R8 | 6.8 | N | 100/1 | 0.103 | 2200 | 2600 | 1800 | 2300 |
| SKNR6020-8R2 | 8.2 | N | 100/1 | 0.137 | 2100 | 2500 | 1400 | 1800 |
| SKNR6020-100 | 10 | M、N | 100/1 | 0.137 | 1750 | 2100 | 1400 | 1800 |
| SKNR6020-120 | 12 | M、N | 100/1 | 0.156 | 1450 | 1700 | 1300 | 1600 |
| SKNR6020-150 | 15 | M、N | 100/1 | 0.189 | 1200 | 1400 | 1200 | 1500 |
| SKNR6020-180 | 18 | M、N | 100/1 | 0.234 | 1200 | 1400 | 1080 | 1400 |
| SKNR6020-220 | 22 | M、N | 100/1 | 0.265 | 1050 | 1200 | 1000 | 1300 |
| SKNR6020-330 | 33 | M、N | 100/1 | 0.390 | 950 | 1100 | 840 | 1050 |
| SKNR6020-470 | 47 | M、N | 100/1 | 0.559 | 700 | 900 | 800 | 900 |
| SKNR6020-331 | 330 | M、N | 100/1 | 3.419 | 270 | 330 | 330 | 390 |

SKNR6028 TYPE

| Part Number | Inductance | Inductance Tolerance | L,Q Test Freq. L/Q | Max. DC Resistance | Saturation Current | | Temperature Rise Current | |
|--------------|------------|----------------------|--------------------|--------------------|--------------------|------|--------------------------|------|
| | | | | | Isat | | Irms | |
| | L | - | Freq | DCR | Max. | Typ. | Max. | Typ. |
| Units | μH | - | kHz/V | Ω | mA | mA | mA | mA |
| SKNR6028-R82 | 0.82 | N | 100/1 | 0.016 | 6500 | 9000 | 5200 | 6000 |
| SKNR6028-1R0 | 1.0 | N | 100/1 | 0.017 | 6500 | 7500 | 5200 | 5700 |
| SKNR6028-1R2 | 1.2 | N | 100/1 | 0.017 | 6400 | 7500 | 4580 | 5000 |

| Part Number | Inductance | Inductance Tolerance | L,Q Test Freq. L/Q | Max. DC Resistance | Saturation Current | | Temperature Rise Current | |
|--------------|------------|----------------------|--------------------|--------------------|--------------------|------|--------------------------|------|
| | | | | | Isat | | Irms | |
| | L | - | Freq | DCR | Max. | Typ. | Max. | Typ. |
| Units | μH | - | kHz/V | Ω | mA | mA | mA | mA |
| SKNR6028-1R5 | 1.5 | N | 100/1 | 0.017 | 6000 | 6600 | 4580 | 5000 |
| SKNR6028-2R2 | 2.2 | N | 100/1 | 0.026 | 5100 | 5600 | 3750 | 4100 |
| SKNR6028-2R7 | 2.7 | N | 100/1 | 0.026 | 3800 | 4500 | 3750 | 4100 |
| SKNR6028-3R3 | 3.3 | N | 100/1 | 0.033 | 3750 | 4500 | 3480 | 3800 |
| SKNR6028-4R7 | 4.7 | N | 100/1 | 0.039 | 3200 | 3500 | 3080 | 3400 |
| SKNR6028-5R1 | 5.1 | N | 100/1 | 0.056 | 3200 | 3500 | 2600 | 2800 |
| SKNR6028-6R2 | 6.2 | M、N | 100/1 | 0.061 | 3050 | 3300 | 2400 | 2600 |
| SKNR6028-6R8 | 6.8 | M、N | 100/1 | 0.061 | 2600 | 3000 | 2400 | 2600 |
| SKNR6028-8R2 | 8.2 | M、N | 100/1 | 0.072 | 2300 | 2800 | 2250 | 2500 |
| SKNR6028-9R1 | 9.1 | M、N | 100/1 | 0.092 | 2250 | 2800 | 2150 | 2400 |
| SKNR6028-100 | 10 | M、N | 100/1 | 0.094 | 2040 | 2500 | 1950 | 2400 |
| SKNR6028-120 | 12 | M、N | 100/1 | 0.104 | 1800 | 2000 | 1850 | 2000 |
| SKNR6028-150 | 15 | M、N | 100/1 | 0.153 | 1750 | 1900 | 1450 | 1600 |
| SKNR6028-180 | 18 | M、N | 100/1 | 0.156 | 1520 | 1800 | 1450 | 1600 |
| SKNR6028-220 | 22 | M、N | 100/1 | 0.182 | 1500 | 1800 | 1400 | 1600 |
| SKNR6028-270 | 27 | M、N | 100/1 | 0.202 | 1500 | 1600 | 1320 | 1400 |
| SKNR6028-330 | 33 | M、N | 100/1 | 0.241 | 1350 | 1500 | 1220 | 1300 |
| SKNR6028-360 | 36 | M、N | 100/1 | 0.280 | 1250 | 1400 | 1130 | 1200 |
| SKNR6028-390 | 39 | M、N | 100/1 | 0.293 | 1250 | 1400 | 1100 | 1200 |
| SKNR6028-470 | 47 | M、N | 100/1 | 0.410 | 1150 | 1300 | 1060 | 1100 |
| SKNR6028-560 | 56 | M、N | 100/1 | 0.449 | 1050 | 1200 | 890 | 1000 |
| SKNR6028-680 | 68 | M、N | 100/1 | 0.468 | 900 | 990 | 860 | 950 |
| SKNR6028-750 | 75 | M、N | 100/1 | 0.533 | 900 | 990 | 810 | 900 |
| SKNR6028-820 | 82 | M、N | 100/1 | 0.650 | 800 | 880 | 700 | 770 |
| SKNR6028-101 | 100 | M、N | 100/1 | 0.650 | 650 | 710 | 700 | 770 |
| SKNR6028-401 | 400 | M、N | 100/1 | 2.808 | 300 | 330 | 400 | 450 |
| SKNR6028-102 | 1000 | M、N | 100/1 | 7.540 | 180 | 220 | 230 | 260 |

SKNR6045 TYPE

| Part Number | Inductance | Inductance Tolerance | L,Q Test Freq. L/Q | Max. DC Resistance | Saturation Current | | Temperature Rise Current | |
|--------------|------------|----------------------|--------------------|--------------------|--------------------|-------|--------------------------|------|
| | | | | | Isat | | Irms | |
| | L | - | Freq | DCR | Max. | Typ. | Max. | Typ. |
| Units | μH | - | kHz/V | Ω | mA | mA | mA | mA |
| SKNR6045-R47 | 0.47 | N | 100/1 | 0.008 | 15000 | 16500 | 6500 | 7500 |
| SKNR6045-R56 | 0.56 | N | 100/1 | 0.008 | 15000 | 16500 | 6500 | 7500 |
| SKNR6045-R68 | 0.68 | N | 100/1 | 0.008 | 11000 | 12000 | 5900 | 6500 |
| SKNR6045-R82 | 0.82 | N | 100/1 | 0.010 | 10350 | 11000 | 5900 | 6500 |
| SKNR6045-1R0 | 1 | N | 100/1 | 0.010 | 9850 | 10000 | 5440 | 5900 |
| SKNR6045-1R2 | 1.2 | N | 100/1 | 0.013 | 8350 | 9700 | 5400 | 5900 |
| SKNR6045-1R3 | 1.3 | N | 100/1 | 0.013 | 8350 | 9700 | 5400 | 5900 |
| SKNR6045-1R5 | 1.5 | N | 100/1 | 0.016 | 8300 | 9700 | 4950 | 5400 |
| SKNR6045-1R8 | 1.8 | N | 100/1 | 0.016 | 7600 | 8400 | 4950 | 5400 |
| SKNR6045-2R2 | 2.2 | N | 100/1 | 0.018 | 6750 | 7400 | 4600 | 5000 |
| SKNR6045-2R3 | 2.3 | N | 100/1 | 0.018 | 6000 | 6600 | 4500 | 3800 |
| SKNR6045-2R7 | 2.7 | N | 100/1 | 0.020 | 5750 | 6300 | 4300 | 4700 |
| SKNR6045-3R0 | 3 | N | 100/1 | 0.02 | 5600 | 6200 | 3800 | 4200 |
| SKNR6045-3R3 | 3.3 | N | 100/1 | 0.027 | 5300 | 6200 | 3700 | 4000 |
| SKNR6045-3R6 | 3.6 | N | 100/1 | 0.027 | 5250 | 5700 | 3700 | 4000 |
| SKNR6045-4R3 | 4.3 | M、N | 100/1 | 0.030 | 4970 | 5500 | 3500 | 3800 |
| SKNR6045-4R5 | 4.5 | M、N | 100/1 | 0.034 | 4970 | 5500 | 3300 | 3600 |
| SKNR6045-4R7 | 4.7 | M、N | 100/1 | 0.034 | 4970 | 5500 | 3300 | 3600 |
| SKNR6045-5R1 | 5.1 | M、N | 100/1 | 0.034 | 4450 | 4800 | 3300 | 3600 |
| SKNR6045-5R6 | 5.6 | M、N | 100/1 | 0.038 | 4450 | 4600 | 3150 | 3400 |
| SKNR6045-6R2 | 6.2 | M、N | 100/1 | 0.040 | 4430 | 4800 | 3000 | 3300 |
| SKNR6045-6R3 | 6.3 | M、N | 100/1 | 0.040 | 4430 | 4800 | 3000 | 3300 |
| SKNR6045-6R8 | 6.8 | M、N | 100/1 | 0.040 | 3900 | 4300 | 3000 | 3300 |
| SKNR6045-7R5 | 7.5 | M、N | 100/1 | 0.044 | 3900 | 3800 | 2900 | 3200 |
| SKNR6045-8R2 | 8.2 | M、N | 100/1 | 0.056 | 3900 | 4300 | 2600 | 2800 |
| SKNR6045-9R1 | 9.1 | M、N | 100/1 | 0.056 | 3350 | 3700 | 2600 | 2800 |
| SKNR6045-100 | 10 | M、N | 100/1 | 0.062 | 3200 | 3500 | 2450 | 2700 |
| SKNR6045-120 | 12 | M、N | 100/1 | 0.075 | 2800 | 3000 | 2200 | 2400 |
| SKNR6045-150 | 15 | M、N | 100/1 | 0.088 | 2500 | 2700 | 2050 | 2200 |
| SKNR6045-180 | 18 | M、N | 100/1 | 0.105 | 2200 | 2400 | 1850 | 2000 |
| SKNR6045-220 | 22 | M、N | 100/1 | 0.116 | 2050 | 2200 | 1800 | 2000 |
| SKNR6045-270 | 27 | M、N | 100/1 | 0.133 | 1900 | 2100 | 1650 | 1800 |

| Part Number | Inductance | Inductance Tolerance | L,Q Test Freq. L/Q | Max. DC Resistance | Saturation Current | | Temperature Rise Current | |
|--------------|------------|----------------------|--------------------|--------------------|--------------------|------|--------------------------|------|
| | | | | | Isat | | Irms | |
| | L | - | Freq | DCR | Max. | Typ. | Max. | Typ. |
| Units | μH | - | kHz/V | Ω | mA | mA | mA | mA |
| SKNR6045-300 | 30 | M、N | 100/1 | 0.172 | 1700 | 1800 | 1500 | 1600 |
| SKNR6045-330 | 33 | M、N | 100/1 | 0.178 | 1650 | 1800 | 1450 | 1600 |
| SKNR6045-360 | 36 | M、N | 100/1 | 0.225 | 1620 | 1800 | 1400 | 1500 |
| SKNR6045-390 | 39 | M、N | 100/1 | 0.234 | 1500 | 1800 | 1250 | 1400 |
| SKNR6045-430 | 43 | M、N | 100/1 | 0.260 | 1430 | 1800 | 1200 | 1300 |
| SKNR6045-470 | 47 | M、N | 100/1 | 0.260 | 1400 | 1500 | 1200 | 1300 |
| SKNR6045-510 | 51 | M、N | 100/1 | 0.269 | 1350 | 1500 | 1150 | 1200 |
| SKNR6045-560 | 56 | M、N | 100/1 | 0.287 | 1300 | 1400 | 1100 | 1200 |
| SKNR6045-620 | 62 | M、N | 100/1 | 0.306 | 1250 | 1400 | 1100 | 1200 |
| SKNR6045-680 | 68 | M、N | 100/1 | 0.376 | 1200 | 1300 | 1000 | 1100 |
| SKNR6045-750 | 75 | M、N | 100/1 | 0.397 | 1150 | 1200 | 950 | 1000 |
| SKNR6045-820 | 82 | M、N | 100/1 | 0.443 | 1050 | 1100 | 900 | 990 |
| SKNR6045-910 | 91 | M、N | 100/1 | 0.467 | 1000 | 1100 | 850 | 940 |
| SKNR6045-101 | 100 | M、N | 100/1 | 0.563 | 950 | 1000 | 800 | 880 |
| SKNR6045-121 | 120 | M、N | 100/1 | 0.629 | 850 | 940 | 770 | 850 |
| SKNR6045-151 | 150 | M、N | 100/1 | 0.754 | 800 | 880 | 700 | 770 |
| SKNR6045-221 | 220 | M、N | 100/1 | 1.084 | 700 | 770 | 590 | 650 |
| SKNR6045-331 | 330 | M、N | 100/1 | 1.651 | 570 | 630 | 570 | 630 |
| SKNR6045-471 | 470 | M、N | 100/1 | 2.340 | 500 | 560 | 420 | 480 |
| SKNR6045-681 | 680 | M、N | 100/1 | 3.250 | 420 | 460 | 330 | 380 |
| SKNR6045-102 | 1000 | M、N | 100/1 | 5.850 | 300 | 350 | 300 | 350 |
| SKNR6045-152 | 1500 | M、N | 100/1 | 8.450 | 240 | 270 | 210 | 240 |
| SKNR6045Y70 | 47 | M、N | 100/1 | 0.260 | 1400 | 1500 | 1200 | 1300 |

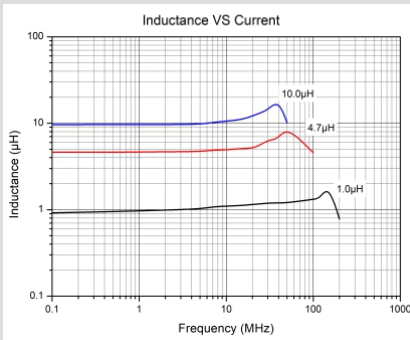
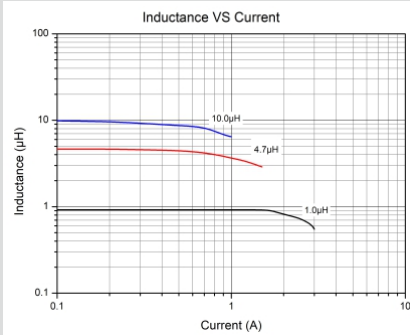
SKNR8040 TYPE

| Part Number | Inductance | Inductance Tolerance | L,Q Test Freq. L/Q | Max. DC Resistance | Saturation Current | | Temperature Rise Current | |
|--------------|------------|----------------------|--------------------|--------------------|--------------------|-------|--------------------------|------|
| | | | | | Isat | | Irms | |
| | L | - | Freq | DCR | Max. | Typ. | Max. | Typ. |
| Units | μH | - | kHz/V | Ω | mA | mA | mA | mA |
| SKNR8040-R82 | 0.82 | N | 100/1 | 0.010 | 13800 | 16000 | 6300 | 6900 |
| SKNR8040-1R0 | 1 | N | 100/1 | 0.010 | 9850 | 14000 | 6300 | 6900 |
| SKNR8040-1R2 | 1.2 | N | 100/1 | 0.013 | 8150 | 14000 | 5650 | 6200 |
| SKNR8040-1R5 | 1.5 | N | 100/1 | 0.013 | 8150 | 11000 | 5650 | 6200 |
| SKNR8040-2R0 | 2 | N | 100/1 | 0.016 | 7100 | 10000 | 5150 | 5600 |
| SKNR8040-2R2 | 2.2 | N | 100/1 | 0.016 | 7100 | 8000 | 5150 | 5600 |
| SKNR8040-3R0 | 3 | N | 100/1 | 0.018 | 6500 | 7000 | 4700 | 5200 |
| SKNR8040-3R3 | 3.3 | N | 100/1 | 0.022 | 6500 | 7000 | 4400 | 4800 |

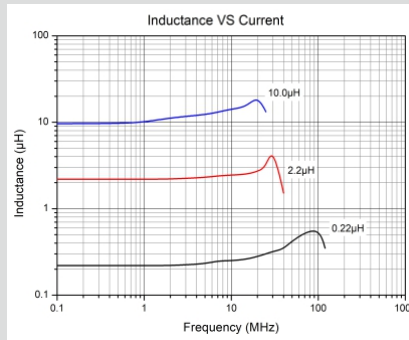
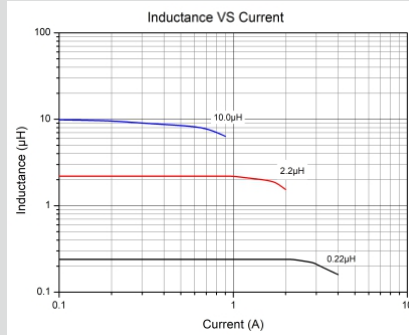
| Part Number | Inductance | Inductance Tolerance | L,Q Test Freq. L/Q | Max. DC Resistance | Saturation Current | | Temperature Rise Current | |
|--------------|------------|----------------------|--------------------|--------------------|--------------------|------|--------------------------|------|
| | | | | | Isat | | Irms | |
| | L | - | Freq | DCR | Max. | Typ. | Max. | Typ. |
| Units | μH | - | kHz/V | Ω | mA | mA | mA | mA |
| SKNR8040-3R6 | 3.6 | N | 100/1 | 0.022 | 6000 | 8500 | 4350 | 4800 |
| SKNR8040-3R9 | 3.9 | N | 100/1 | 0.022 | 6000 | 6500 | 4350 | 4800 |
| SKNR8040-4R7 | 4.7 | N | 100/1 | 0.025 | 5900 | 6500 | 4100 | 4500 |
| SKNR8040-5R1 | 5.1 | N | 100/1 | 0.025 | 5700 | 5400 | 4050 | 4400 |
| SKNR8040-5R6 | 5.6 | N | 100/1 | 0.027 | 5500 | 6900 | 3850 | 4200 |
| SKNR8040-6R2 | 6.2 | N | 100/1 | 0.027 | 4550 | 5100 | 3850 | 4200 |
| SKNR8040-6R8 | 6.8 | M、N | 100/1 | 0.031 | 4550 | 5200 | 3600 | 4000 |
| SKNR8040-8R2 | 8.2 | M、N | 100/1 | 0.034 | 4200 | 4800 | 3450 | 3800 |
| SKNR8040-100 | 10 | M、N | 100/1 | 0.038 | 3600 | 4100 | 3300 | 3600 |
| SKNR8040-120 | 12 | M、N | 100/1 | 0.053 | 3500 | 4000 | 2800 | 3000 |
| SKNR8040-150 | 15 | M、N | 100/1 | 0.061 | 2950 | 3400 | 2600 | 2800 |
| SKNR8040-180 | 18 | M、N | 100/1 | 0.069 | 2700 | 3100 | 2400 | 2600 |
| SKNR8040-220 | 22 | M、N | 100/1 | 0.090 | 2400 | 2700 | 2100 | 2300 |
| SKNR8040-270 | 27 | M、N | 100/1 | 0.101 | 2150 | 2500 | 2000 | 2200 |
| SKNR8040-330 | 33 | M、N | 100/1 | 0.126 | 2050 | 2400 | 1800 | 2000 |
| SKNR8040-360 | 36 | M、N | 100/1 | 0.133 | 2000 | 2300 | 1750 | 1900 |
| SKNR8040-390 | 39 | M、N | 100/1 | 0.139 | 1950 | 2200 | 1700 | 1900 |
| SKNR8040-430 | 43 | M、N | 100/1 | 0.147 | 1900 | 2200 | 1650 | 1800 |
| SKNR8040-470 | 47 | M、N | 100/1 | 0.177 | 1750 | 2000 | 1550 | 1700 |
| SKNR8040-510 | 51 | M、N | 100/1 | 0.185 | 1700 | 1900 | 1500 | 1600 |
| SKNR8040-560 | 56 | M、N | 100/1 | 0.192 | 1550 | 1700 | 1450 | 1600 |
| SKNR8040-620 | 62 | M、N | 100/1 | 0.237 | 1500 | 1600 | 1300 | 1400 |
| SKNR8040-680 | 68 | M、N | 100/1 | 0.255 | 1450 | 1600 | 1250 | 1400 |
| SKNR8040-750 | 75 | M、N | 100/1 | 0.274 | 1350 | 1500 | 1200 | 1300 |
| SKNR8040-820 | 82 | M、N | 100/1 | 0.293 | 1300 | 1400 | 1150 | 1200 |
| SKNR8040-910 | 91 | M、N | 100/1 | 0.354 | 1200 | 1300 | 1050 | 1100 |
| SKNR8040-101 | 100 | M、N | 100/1 | 0.377 | 1150 | 1300 | 1000 | 1100 |
| SKNR8040-121 | 120 | M、N | 100/1 | 0.434 | 1150 | 1100 | 950 | 1000 |
| SKNR8040-151 | 150 | M、N | 100/1 | 0.533 | 1100 | 1200 | 850 | 940 |
| SKNR8040-181 | 180 | M、N | 100/1 | 0.676 | 950 | 1150 | 830 | 920 |
| SKNR8040-221 | 220 | M、N | 100/1 | 0.779 | 850 | 940 | 800 | 880 |
| SKNR8040-331 | 330 | M、N | 100/1 | 1.156 | 680 | 750 | 640 | 700 |
| SKNR8040-471 | 470 | M、N | 100/1 | 1.625 | 600 | 700 | 500 | 600 |
| SKNR8040-681 | 680 | M、N | 100/1 | 2.665 | 500 | 600 | 450 | 500 |
| SKNR8040-102 | 1000 | M、N | 100/1 | 3.640 | 400 | 500 | 350 | 400 |
| SKNR8040-152 | 1500 | M、N | 100/1 | 6.500 | 320 | 380 | 260 | 270 |

TYPICAL ELECTRICAL CHARACTERISTICS

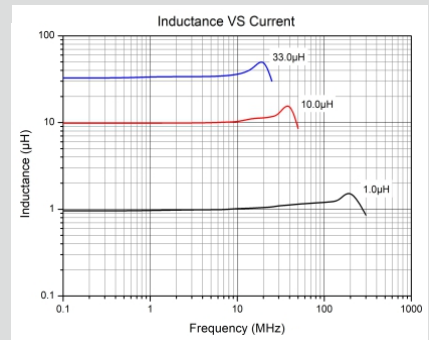
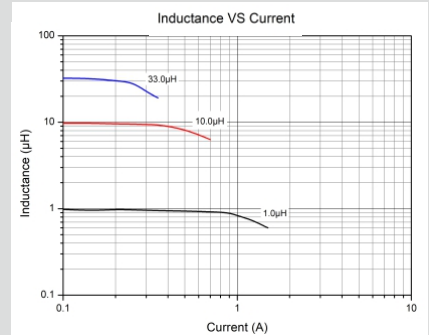
SKNR252012 TYPE



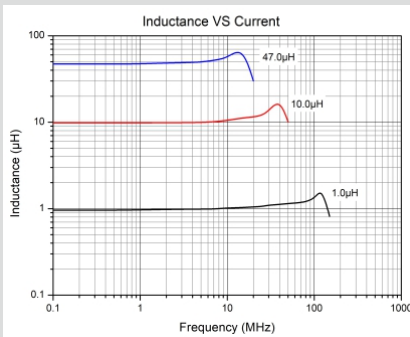
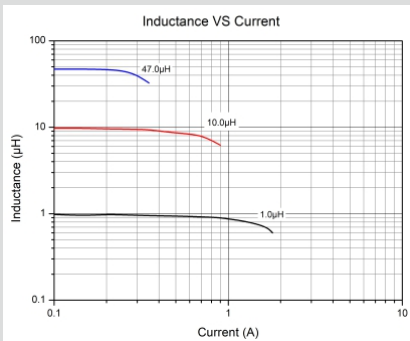
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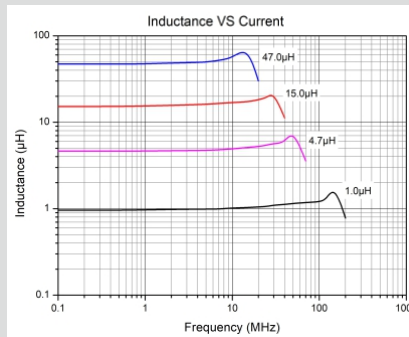
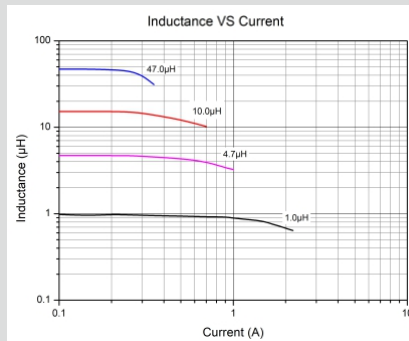
SKNR3010 TYPE



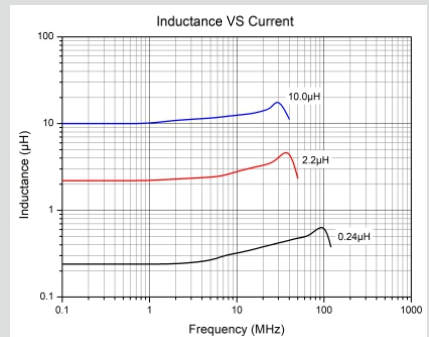
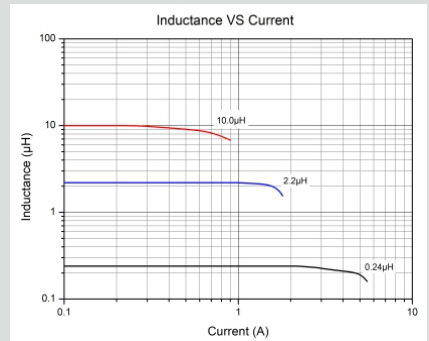
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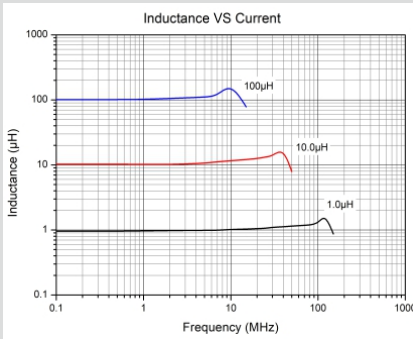
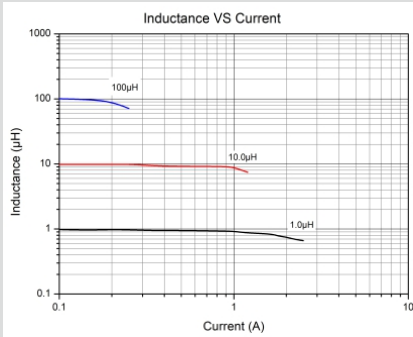
SKNR3015 TYPE



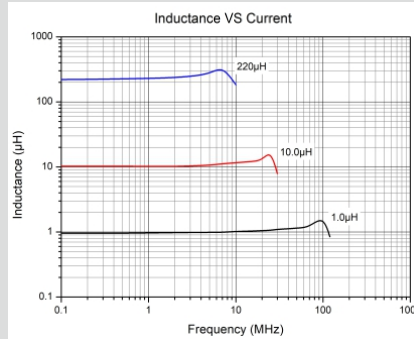
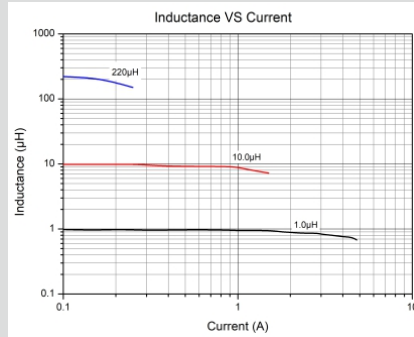
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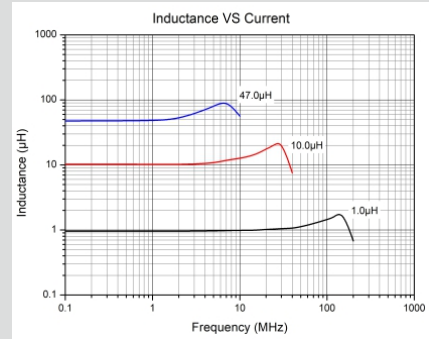
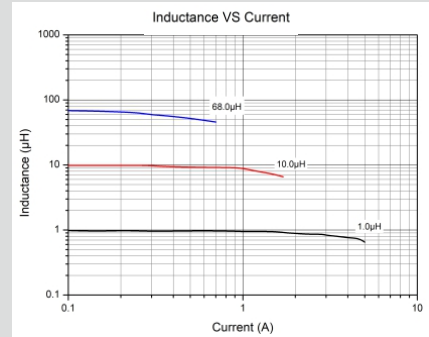
SKNR4012 TYPE



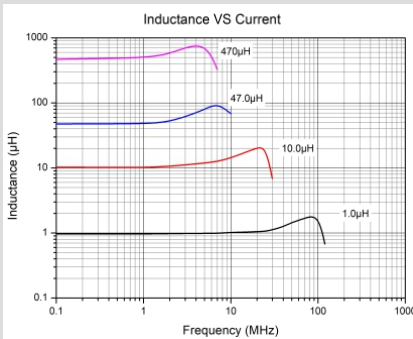
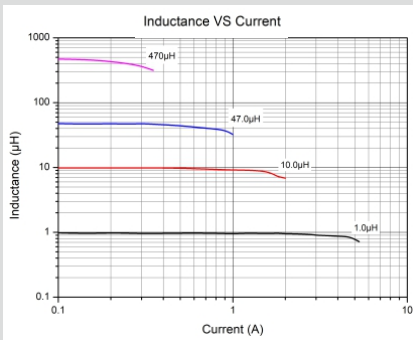
SKNR4018 TYPE



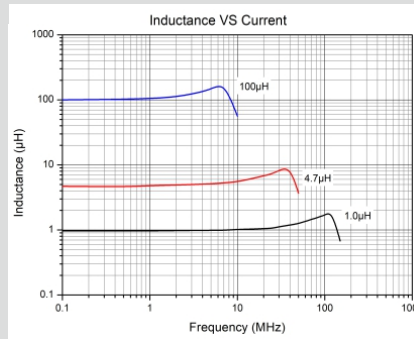
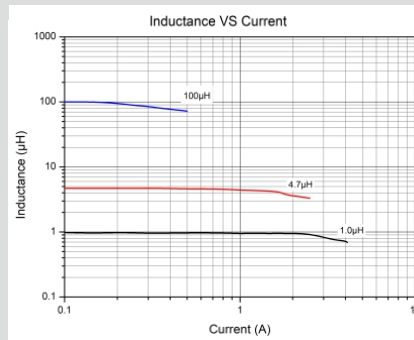
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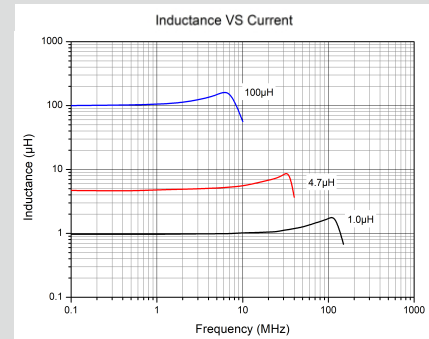
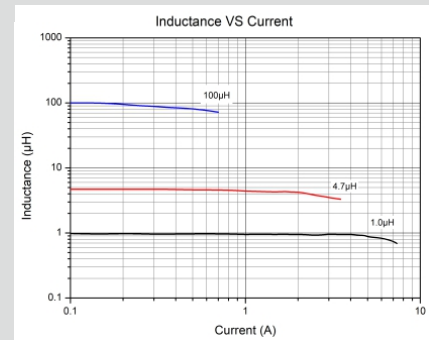
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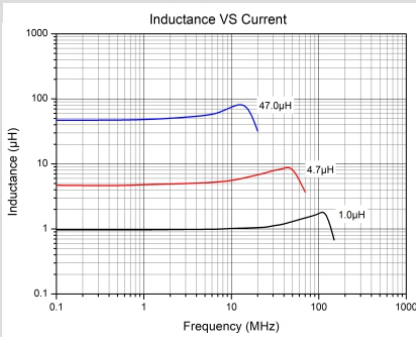
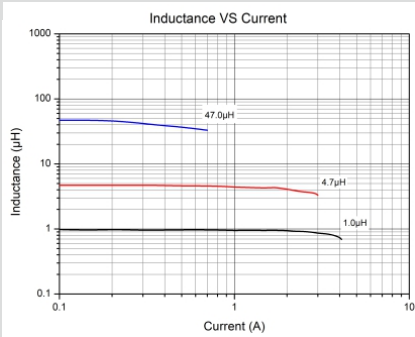
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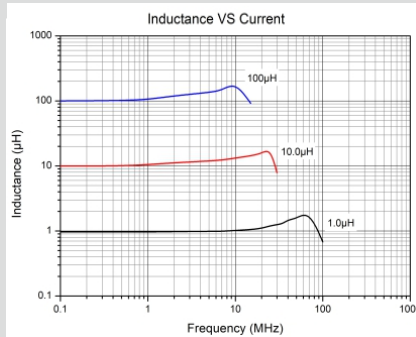
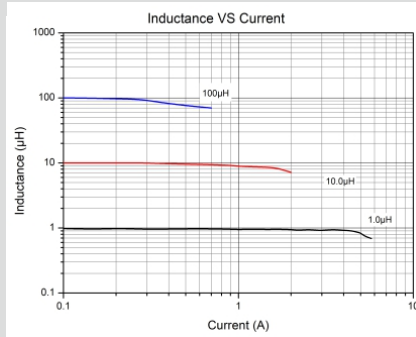
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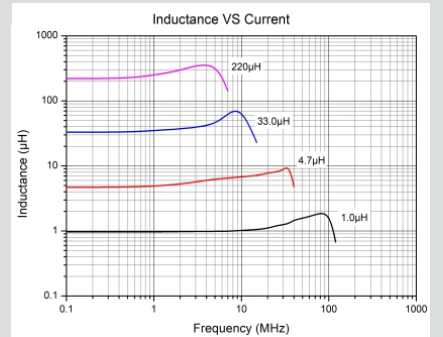
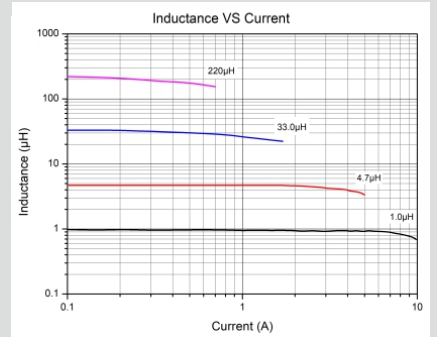
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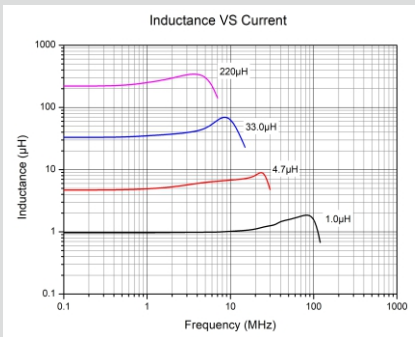
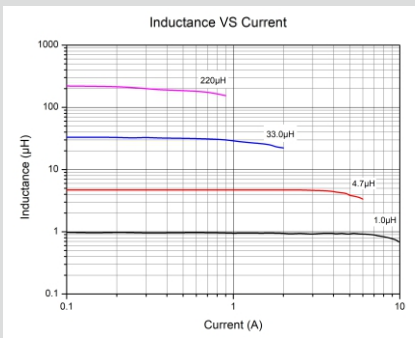
SKNR6028 TYPE



SKNR6045 TYPE



SKNR8040 TYPE



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