



Surface Mount Power Inductor

FEATURES

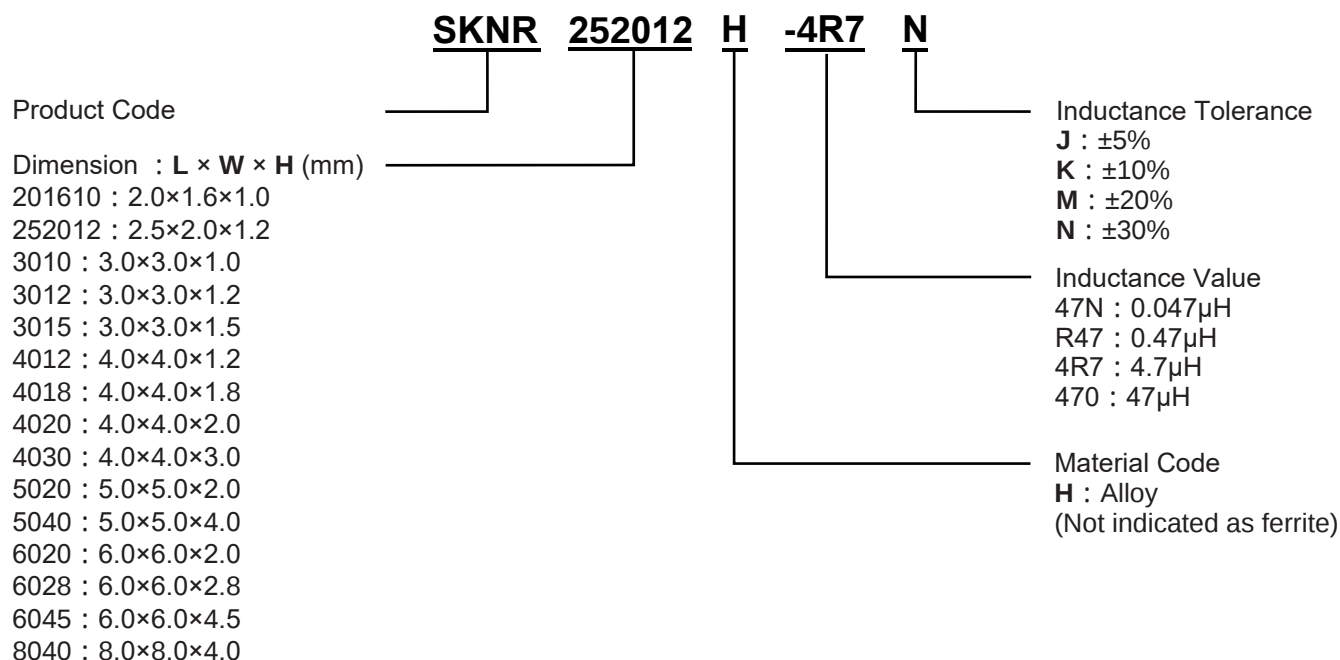
- Magnetic glue encapsulation greatly reduces the beeping sound
- Metallize the electrode directly on the core, strong resistance to drop impact, durable
- Closed magnetic circuit structure design, less magnetic leakage, strong anti-EMI ability
- The same size, the rated current characteristics are more 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

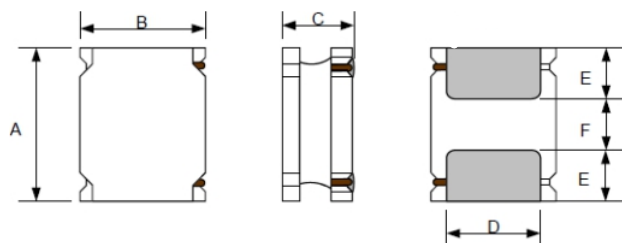
PRODUCT IDENTIFICATION





STANDARD EXTERNAL DIMENSIONS

Fig.1



Recommended Pad Size

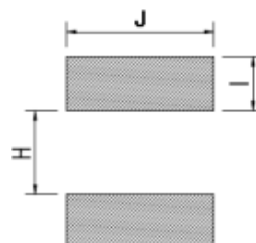
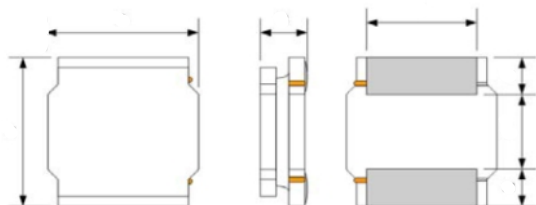


Fig.2



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

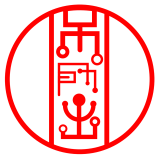


SKNR Series

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
SKNR252012-2R7	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



SKNR Series

Part Number	Inductance	Inductance Tolerance	L,Q Test Freq. L/Q	Max. DC Resistance	Saturation Current		Temperature Rise Current	
	L	-	Freq	DCR	Isat		Irms	
	μH	-	MHz/V	Ω	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	
	L	-	Freq	DCR	Isat		Irms	
	μH	-	kHz/V	Ω	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

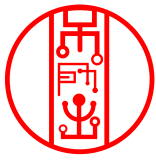


SKNR Series

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



SKNR Series

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



SKNR Series

Part Number	Inductance	Inductance Tolerance	L,Q Test Freq. L/Q	Max. DC Resistance	Saturation Current		Temperature Rise Current	
	L	-	Freq	DCR	Isat		Irms	
	μH	-	kHz/V	Ω	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	
	L	-	Freq	DCR	Isat		Irms	
	μH	-	MHz/V	Ω	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	
	L	-	Freq	DCR	Isat		Irms	
					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	
	L	-	Freq	DCR	Isat		Irms	
					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	
	L	-	Freq	DCR	Isat		Irms	
					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



SKNR Series

Part Number	Inductance	Inductance Tolerance	L,Q Test Freq. L/Q	Max. DC Resistance	Saturation Current		Temperature Rise Current	
	L	-	Freq	DCR	Isat		Irms	
					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	
	L	-	Freq	DCR	Isat		Irms	
					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



SKNR Series

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
SKNR4030-680	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		Irms	
	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



SKNR Series

Part Number	Inductance	Inductance Tolerance	L,Q Test Freq. L/Q	Max. DC Resistance	Saturation Current		Temperature Rise Current	
	L	-	Freq	DCR	Isat		Irms	
	μH	-	kHz/V	Ω	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	
	L	-	Freq	DCR	Isat		Irms	
	μH	-	kHz/V	Ω	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



SKNR Series

Part Number	Inductance	Inductance Tolerance	L,Q Test Freq. L/Q	Max. DC Resistance	Saturation Current		Temperature Rise Current	
					Isat		Irms	
Units	μH	-	Freq	DCR	Max.	Typ.	Max.	Typ.
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	
Units	μH	-	Freq	DCR	Max.	Typ.	Max.	Typ.
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



SKNR Series

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



SKNR Series

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	
	L	-	Freq	DCR	Isat		Irms	
	μH	-	kHz/V	Ω	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



SKNR Series

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

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

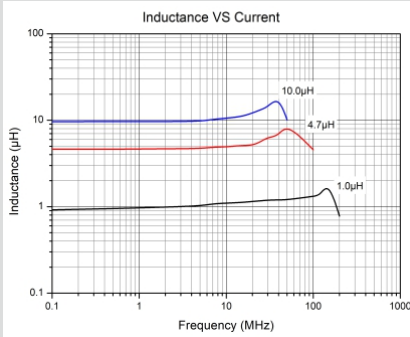
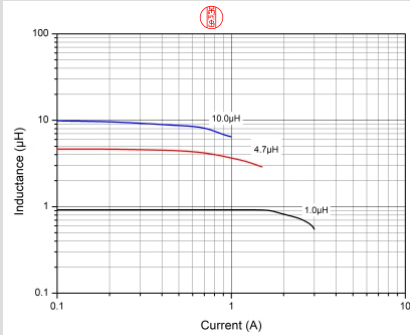


SKNR Series

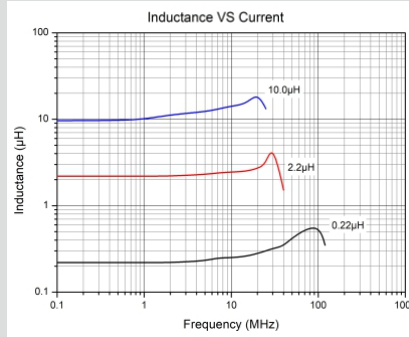
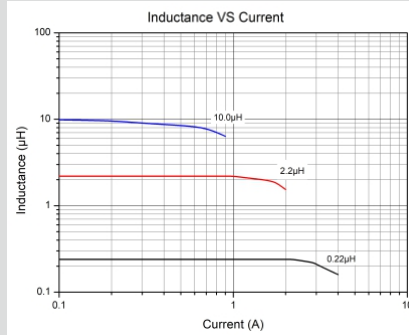
Part Number	Inductance	Inductance Tolerance	L,Q Test Freq. L/Q	Max. DC Resistance	Saturation Current		Temperature Rise Current	
	L	-	Freq	DCR	Isat		Irms	
	μH	-	kHz/V	Ω	Max.	Typ.	Max.	Typ.
Units	μH	-	kHz/V	Ω	mA	mA	mA	mA
SKNR8040-3R6	3.6	N	100/1	0.022	6000	8500	4350	4800
SKNR8040-3R9	3.9	N	100/1	0.022	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

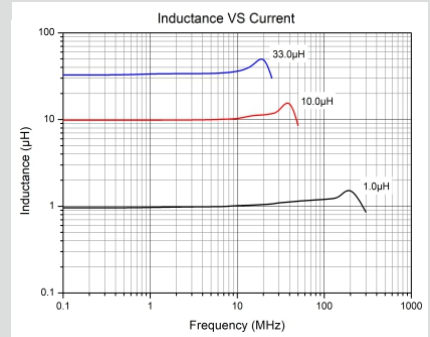
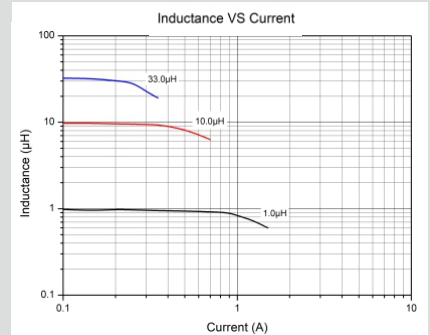
SKNR252012 TYPE



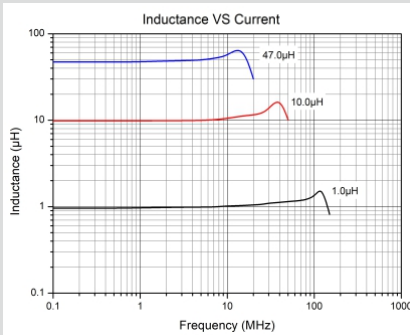
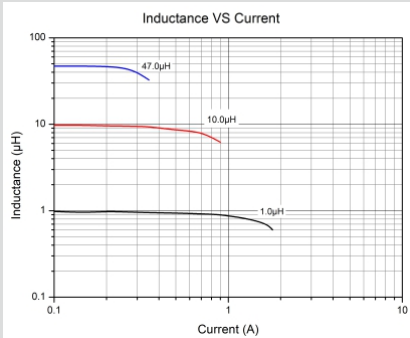
SKNR252012H TYPE



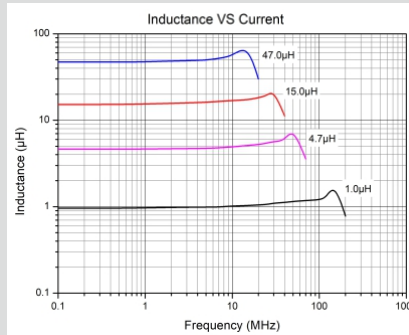
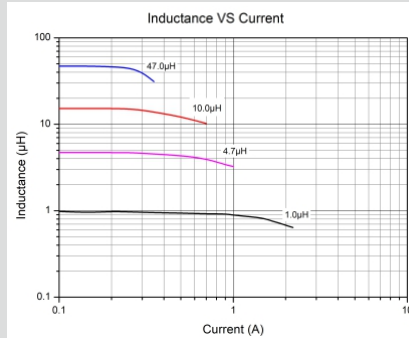
SKNR3010 TYPE



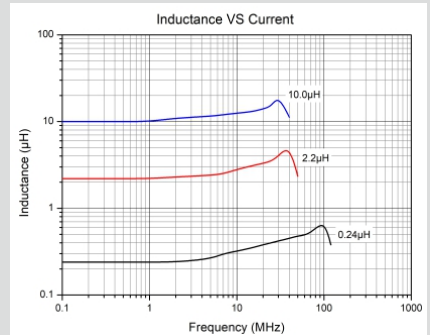
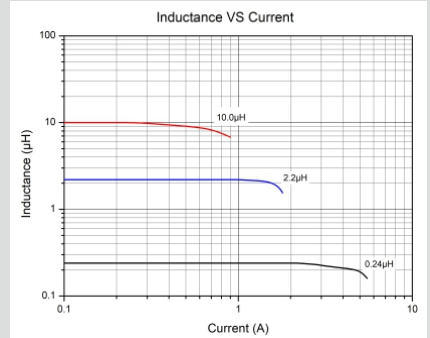
SKNR3012 TYPE



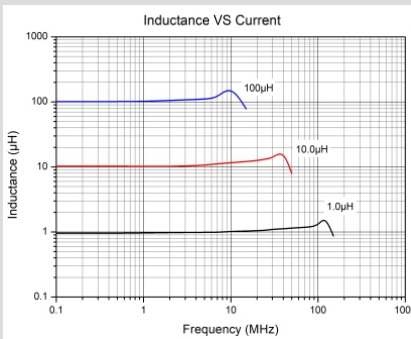
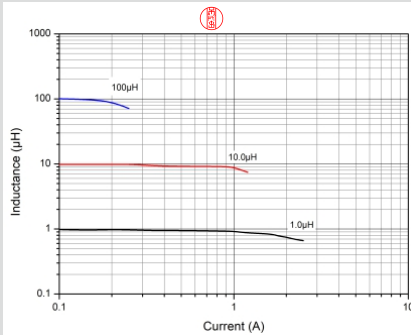
SKNR3015 TYPE



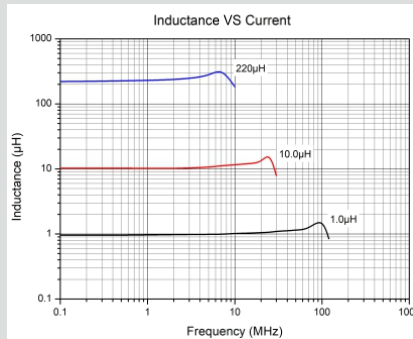
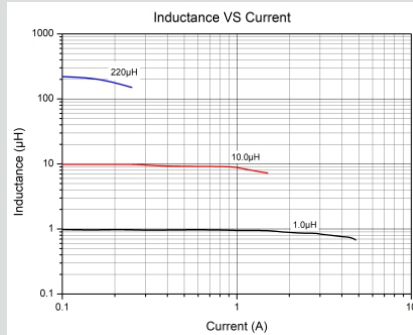
SKNR3015H TYPE



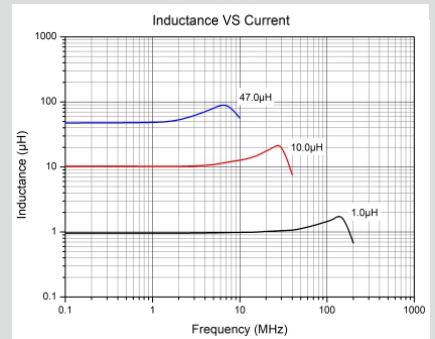
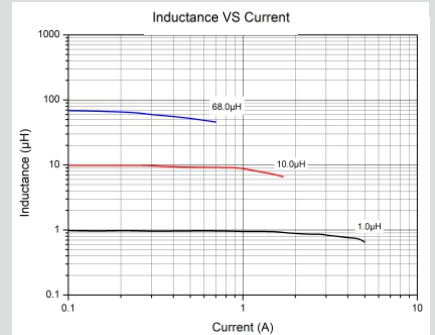
SKNR4012 TYPE



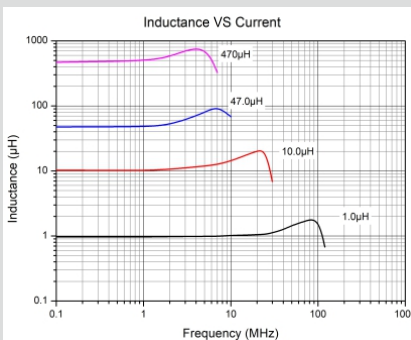
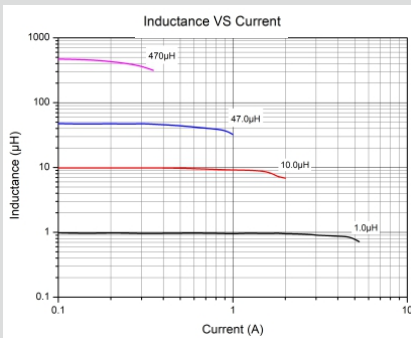
SKNR4018 TYPE



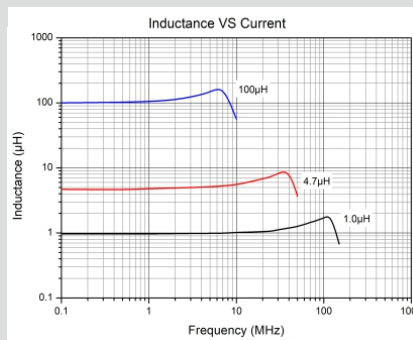
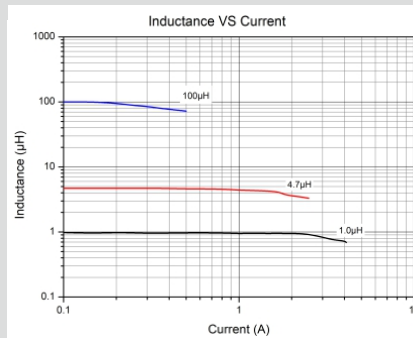
SKNR4020 TYPE



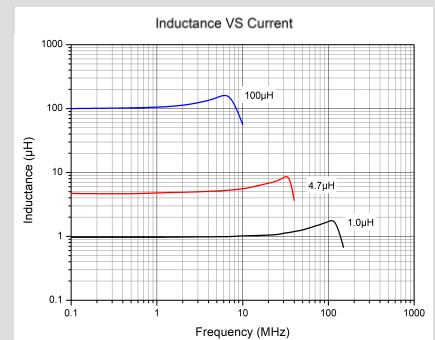
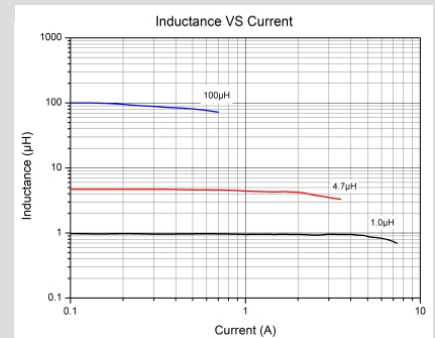
SKNR4030 TYPE



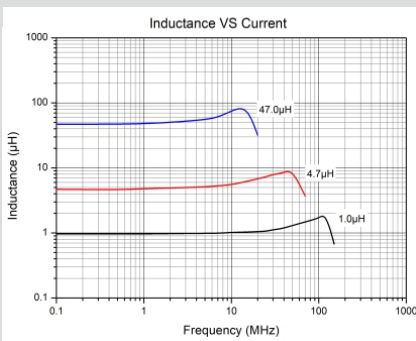
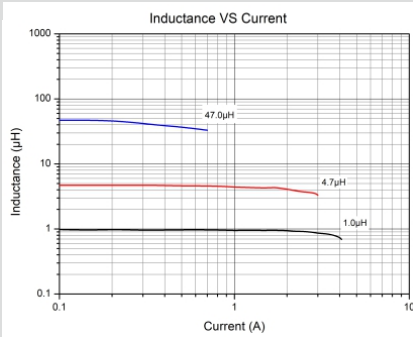
SKNR5020 TYPE



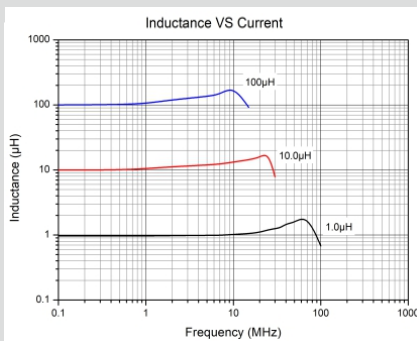
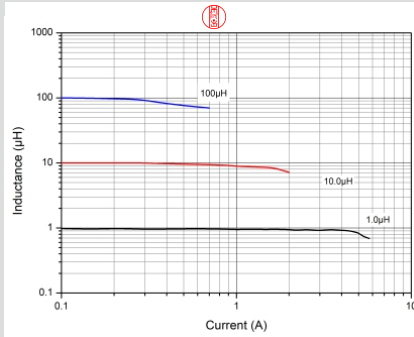
SKNR5040 TYPE



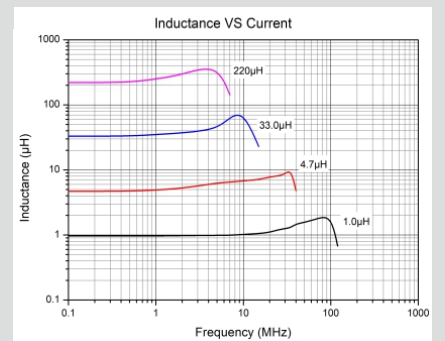
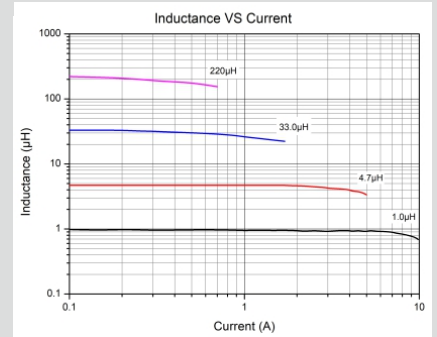
SKNR6020 TYPE



SKNR6028 TYPE



SKNR6045 TYPE



SKNR8040 TYPE

