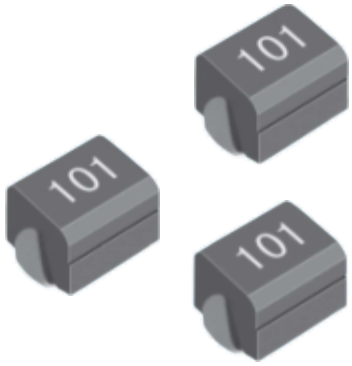
Coil Type Inductor



FEATURES

- Metal lead electrode for reliable connection performance
- Suitable for surface mount
- It has high resistance to moisture, mechanical vibration and extrusion
- High heat resistance

APPLICATIONS

- Can be used in computer, power supply, communication equipment, instruments, TV audio and other fields of electronic circuits

PRODUCT IDENTIFICATION

SKNL 322522 — 1R0 M

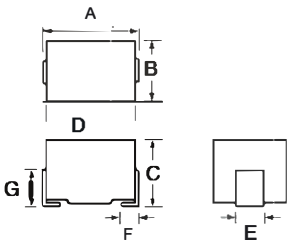
Product Code

Dimension：**L×W×H**(mm)

Inductance Deviation
J：±5%
K：±10%
M：±20%

Inductance
1R0：1.0μH
100：10μH
101：100μH

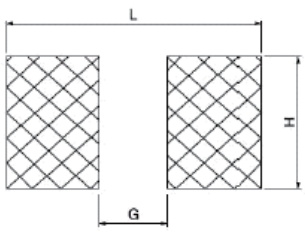
SHAPE AND DIMENSIONS



Units: mm

Type Specification	Product Size						
	A	B	C	D	E	F	G
SKNL322522	3.2±0.4	2.5±0.2	2.2±0.2	2.9±0.3	1.0±0.2	0.6±0.2	1.2±0.2

RECOMMENDED PAD SIZE



Units: mm

Type Specification	Recommended Pad Size		
	H	I	J
SKNL322522	4.4	1.5	3.4

SPECIFICATIONS

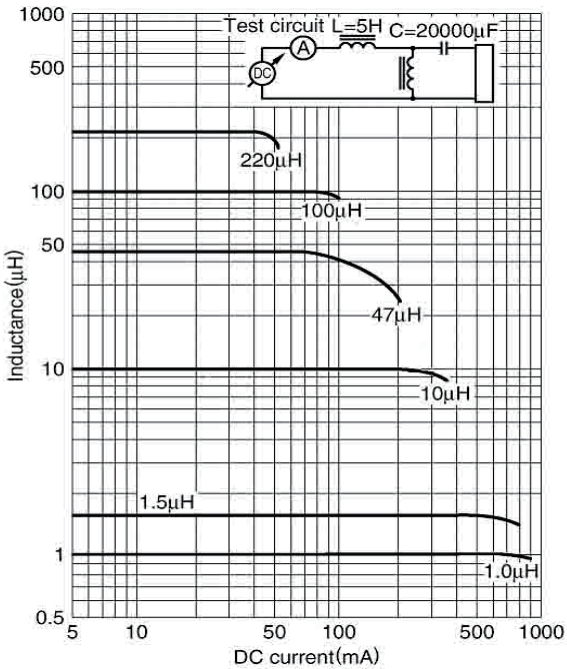
SKNL322522 TYPE

Part Number	Inductance	Inductance Tolerance	Quality Factor Min	L, Q Test Conditions	Self-resonant Frequency Min	Max. DC Resistance	Max. Rated Current
Units	μH	-	-	MHz	MHz	Ω	mA
Symbol	L	-	Q	-	S.R.F	DCR	Ir
SKNL322522-R10	0.10	K、M	28	100	700	0.44	450
SKNL322522-R12	0.12	K、M	30	25.2	500	0.22	450
SKNL322522-R15	0.15	K、M	30	25.2	450	0.25	450
SKNL322522-R18	0.18	K、M	30	25.2	400	0.28	450
SKNL322522-R22	0.22	K、M	30	25.2	350	0.32	450
SKNL322522-R27	0.27	K、M	30	25.2	320	0.36	450
SKNL322522-R33	0.33	K、M	30	25.2	300	0.4	450
SKNL322522-R39	0.39	K、M	30	25.2	250	0.45	450
SKNL322522-R47	0.47	K、M	30	25.2	220	0.5	450
SKNL322522-R56	0.56	K、M	30	25.2	180	0.55	450
SKNL322522-R68	0.68	K、M	30	25.2	160	0.6	450
SKNL322522-R82	0.82	K、M	30	25.2	140	0.65	450
SKNL322522-1R0	1.0	J、K	30	7.96	120	0.7	400
SKNL322522-1R2	1.2	J、K	30	7.96	100	0.75	390
SKNL322522-1R5	1.5	J、K	30	7.96	85	0.85	370
SKNL322522-1R8	1.8	J、K	30	7.96	80	0.9	350
SKNL322522-2R2	2.2	J、K	30	7.96	75	1	320
SKNL322522-2R7	2.7	J、K	30	7.96	70	1.1	290
SKNL322522-3R3	3.3	J、K	30	7.96	60	1.2	260
SKNL322522-3R9	3.9	J、K	30	7.96	55	1.3	250
SKNL322522-4R7	4.7	J、K	30	7.96	50	1.5	220
SKNL322522-5R6	5.6	J、K	30	7.96	45	1.6	200
SKNL322522-6R8	6.8	J、K	30	7.96	40	1.8	180
SKNL322522-8R2	8.2	J、K	30	7.96	35	2	170
SKNL322522-100	10	J、K	30	2.52	30	2.1	150
SKNL322522-120	12	J、K	30	2.52	20	2.5	140
SKNL322522-150	15	J、K	30	2.52	20	2.8	130
SKNL322522-180	18	J、K	30	2.52	20	3.3	120
SKNL322522-220	22	J、K	30	2.52	20	3.7	110
SKNL322522-270	27	J、K	30	2.52	20	5	80
SKNL322522-330	33	J、K	30	2.52	17	5.6	70
SKNL322522-390	39	J、K	30	2.52	16	6.4	65
SKNL322522-470	47	J、K	30	2.52	15	7	60
SKNL322522-560	56	J、K	30	2.52	13	8	55
SKNL322522-680	68	J、K	30	2.52	12	9	50
SKNL322522-820	82	J、K	30	2.52	11	10	45
SKNL322522-101	100	J、K	20	0.796	10	10	40
SKNL322522-121	120	J、K	20	0.796	10	11	70
SKNL322522-151	150	J、K	20	0.796	8	15	65
SKNL322522-181	180	J、K	20	0.796	7	17	60
SKNL322522-221	220	J、K	20	0.796	7	21	50

Note: Inductance deviation code is: J: ±5%, K: ±10%, M：±20%

TYPICAL ELECTRICAL CHARACTERISTICS

SKNL322522 TYPE

Inductance - requency characteristic

Inductance- DC current characteristic