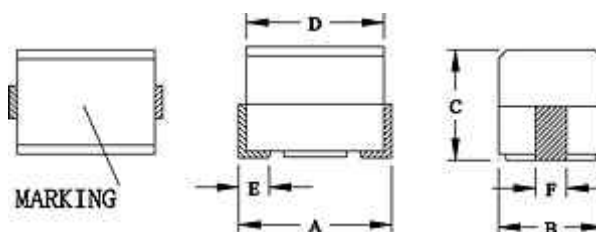
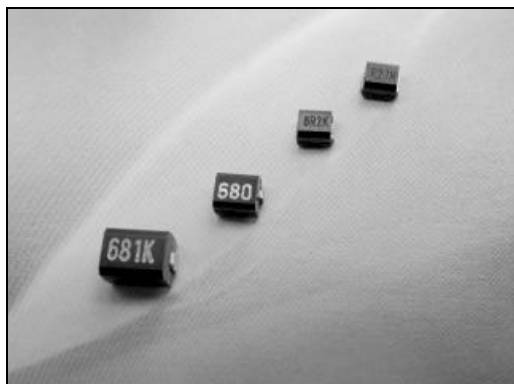


Wire Wound Inductor – SWI Series

SCHMID-M



Features

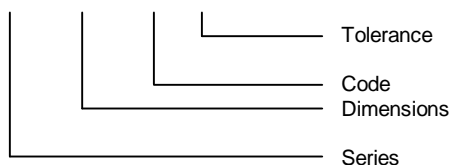
- Resistant to mechanical shocks and pressures
- Accurate dimensions for automatically surface mounting
- This series has low resistance and high current, suitable for power line applications

Dimensions

Part No.	A	B	C	D	E	F
SWI252018 (1008)	2.5 ± 0.2	2.0 ± 0.2	1.8 ± 0.2	2.2 ± 0.2	0.50	1.2
SWI322522 (1210)	3.2 ± 0.3	2.5 ± 0.2	2.2 ± 0.2	2.9 ± 0.2	0.75	1.0
SWI453232 (1812)	4.5 ± 0.3	3.2 ± 0.2	3.2 ± 0.2	4.2 ± 0.2	1.00	1.2

Ordering Information

SWI 252018 – 4R7 K



SIZE	SWI252018	SWI352522	SWI453232
QTY/REEL	2000pcs.	2000pcs.	500pcs.

Characteristics-SWI252018

Tolerance: J = ± 5%; K = ± 10%; M = ± 20%, K tolerance is standard.

Part No.	Inductance (µH)	Q (min)	Test Frequency (MHz)	SRF Min. (MHz)	RDC Max. (Ω)	IDC Max. (mA)
SWI252018-R22 *	0.22	25	25.2	230	0.70	190
SWI252018-R27 *	0.27	25	25.2	210	0.75	180
SWI252018-R33 *	0.33	25	25.2	190	0.85	170
SWI252018-R39 *	0.39	25	25.2	175	0.95	160
SWI252018-R47 *	0.47	25	25.2	160	1.00	155
SWI252018-R56 *	0.56	25	25.2	150	1.10	150
SWI252018-R68 *	0.68	25	25.2	135	1.25	140
SWI252018-R82 *	0.82	25	25.2	125	1.40	130
SWI252018-1R0 *	1.00	25	7.96	115	0.65	195
SWI252018-1R2 *	1.20	25	7.96	100	0.75	180
SWI252018-1R5 *	1.50	25	7.96	90	0.85	170
SWI252018-1R8 *	1.80	25	7.96	85	0.95	160
SWI252018-2R2 *	2.20	25	7.96	80	1.05	155
SWI252018-2R7 *	2.70	25	7.96	75	1.20	145
SWI252018-3R3 *	3.30	25	7.96	65	1.30	135
SWI252018-3R9 *	3.90	25	7.96	60	1.40	130
SWI252018-4R7 *	4.70	25	7.96	55	1.55	125
SWI252018-5R6 *	5.60	25	7.96	50	1.75	120
SWI252018-6R8 *	6.80	25	7.96	45	1.95	115
SWI252018-8R2 *	8.20	25	7.96	40	2.20	105
SWI252018-100 *	10	25	2.52	32	3.50	80
SWI252018-120 *	12	25	2.52	30	3.80	75
SWI252018-150 *	15	25	2.52	28	4.40	70
SWI252018-180 *	18	25	2.52	25	5.00	65
SWI252018-220 *	22	25	2.52	22	5.80	60
SWI252018-270 *	27	20	2.52	21	6.30	115
SWI252018-330 *	33	20	2.52	20	7.10	110

SWI252018-390 *	39	20	2.52	18	9.50	90
SWI252018-470 *	47	20	2.52	17	11.0	80
SWI252018-560 *	56	20	2.52	16	12.1	75
SWI252018-680 *	68	20	2.52	15	16.6	70
SWI252018-820 *	82	20	2.52	13	19.0	65
SWI252018-101 *	100	15	0.796	12	21.0	60

Characteristics-SWI322522

Part No.	Inductance (μ H)	Q (min)	Test Frequency (MHz)	SRF Min. (MHz)	RDC Max. (Ω)	IDC Max. (mA)
SWI322522-R12 *	0.12	30	25.2	500	0.22	450
SWI322522-R15 *	0.15	30	25.2	450	0.25	450
SWI322522-R18 *	0.18	30	25.2	400	0.28	450
SWI322522-R22 *	0.22	30	25.2	350	0.32	450
SWI322522-R27 *	0.27	30	25.2	320	0.36	450
SWI322522-R33 *	0.33	30	25.2	300	0.40	450
SWI322522-R39 *	0.39	30	25.2	250	0.45	450
SWI322522-R47 *	0.47	30	25.2	220	0.50	450
SWI322522-R56 *	0.56	30	25.2	180	0.55	450
SWI322522-R68 *	0.68	30	25.2	160	0.60	450
SWI322522-R82 *	0.82	30	25.2	140	0.65	450
SWI322522-1R0 *	1.00	30	7.96	120	0.70	400
SWI322522-1R2 *	1.20	30	7.96	100	0.75	390
SWI322522-1R5 *	1.50	30	7.96	85	0.85	370
SWI322522-1R8 *	1.80	30	7.96	80	0.90	350
SWI322522-2R2 *	2.20	30	7.96	75	1.00	320
SWI322522-2R7 *	2.70	30	7.96	70	1.10	290
SWI322522-3R3 *	3.30	30	7.96	60	1.20	260
SWI322522-3R9 *	3.90	30	7.96	55	1.30	250
SWI322522-4R7 *	4.70	30	7.96	50	1.50	220
SWI322522-5R6 *	5.60	30	7.96	47	1.60	200
SWI322522-6R8 *	6.80	30	7.96	43	1.80	180
SWI322522-8R2 *	8.20	30	7.96	40	2.00	170
SWI322522-100 *	10	30	2.52	36	2.10	150
SWI322522-120 *	12	30	2.52	33	2.50	140
SWI322522-150 *	15	30	2.52	28	2.80	130
SWI322522-180 *	18	30	2.52	25	3.30	120
SWI322522-220 *	22	30	2.52	23	3.70	110
SWI322522-270 *	27	30	2.52	18	5.00	80
SWI322522-330 *	33	30	2.52	17	5.60	70
SWI322522-390 *	39	30	2.52	16	6.40	65
SWI322522-470 *	47	30	2.52	15	7.00	60
SWI322522-560 *	56	30	2.52	13	8.00	55
SWI322522-680 *	68	30	2.52	12	9.00	50
SWI322522-820 *	82	30	0.796	11	10.0	45
SWI322522-101 *	100	20	0.796	10	11.0	40
SWI322522-121 *	120	20	0.796	10	12.0	70
SWI322522-151 *	150	20	0.796	8	15.0	65
SWI322522-181 *	180	20	0.796	7	17.0	60
SWI322522-221 *	220	20	0.796	7	21.0	60

Characteristics-SWI453232

Part No.	Inductance (μ H)	Q (min)	Test Frequency (MHz)	SRF Min. (MHz)	RDC Max. (Ω)	IDC Max. (mA)
SWI453232-R10 *	0.10	35	25.2	300	0.20	800
SWI453232-R12 *	0.12	35	25.2	280	0.20	770
SWI453232-R15 *	0.15	35	25.2	250	0.20	730
SWI453232-R18 *	0.18	35	25.2	200	0.20	700
SWI453232-R22 *	0.22	40	25.2	220	0.30	665
SWI453232-R27 *	0.27	40	25.2	180	0.30	635
SWI453232-R33 *	0.33	40	25.2	165	0.30	605
SWI453232-R39 *	0.39	40	25.2	150	0.30	575
SWI453232-R47 *	0.47	40	25.2	145	0.30	545
SWI453232-R56 *	0.56	40	25.2	140	0.40	520
SWI453232-R68 *	0.68	40	25.2	135	0.40	500
SWI453232-R82 *	0.82	40	25.2	130	0.50	475
SWI453232-1R0 *	1.00	50	7.96	100	0.50	450
SWI453232-1R2 *	1.20	50	7.96	80	0.60	430
SWI453232-1R5 *	1.50	50	7.96	70	0.60	410
SWI453232-1R8 *	1.80	50	7.96	60	0.70	390
SWI453232-2R2 *	2.20	50	7.96	65	0.70	380
SWI453232-2R7 *	2.70	50	7.96	50	0.80	370
SWI453232-3R3 *	3.30	50	7.96	45	0.80	355
SWI453232-3R9 *	3.90	50	7.96	40	0.90	330
SWI453232-4R7 *	4.70	50	7.96	35	1.00	315
SWI453232-5R6 *	5.60	50	7.96	33	1.10	300
SWI453232-6R8 *	6.80	50	7.96	27	1.20	285
SWI453232-8R2 *	8.20	50	7.96	25	1.40	275
SWI453232-100 *	10	50	2.52	20	1.60	250
SWI453232-120 *	12	50	2.52	18	2.00	225
SWI453232-150 *	15	50	2.52	17	2.50	200
SWI453232-180 *	18	50	2.52	15	2.80	190
SWI453232-220 *	22	50	2.52	13	3.20	180
SWI453232-270 *	27	50	2.52	12	3.60	170
SWI453232-330 *	33	50	2.52	11	4.00	160
SWI453232-390 *	39	50	2.52	10	4.50	150
SWI453232-470 *	47	50	2.52	10	5.00	140
SWI453232-560 *	56	50	2.52	9.0	5.50	135
SWI453232-680 *	68	50	2.52	9.0	6.00	130
SWI453232-820 *	82	50	2.52	8.0	7.00	120
SWI453232-101 *	100	40	0.796	8.0	8.00	110
SWI453232-121 *	120	40	0.796	6.0	8.00	110
SWI453232-151 *	150	40	0.796	5.0	9.00	105
SWI453232-181 *	180	40	0.796	5.0	9.50	102
SWI453232-221 *	220	40	0.796	4.0	10.0	100
SWI453232-271 *	270	40	0.796	4.0	12.0	92
SWI453232-331 *	330	40	0.796	3.5	14.0	85
SWI453232-391 *	390	40	0.796	3.0	18.0	80
SWI453232-471 *	470	40	0.796	3.0	26.0	62
SWI453232-561 *	560	30	0.796	3.0	30.0	50
SWI453232-681 *	680	30	0.796	3.0	30.0	50
SWI453232-821 *	820	30	0.796	2.5	35.0	30
SWI453232-102 *	1000	20	0.252	2.5	40.0	30