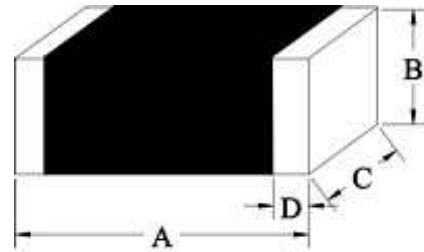
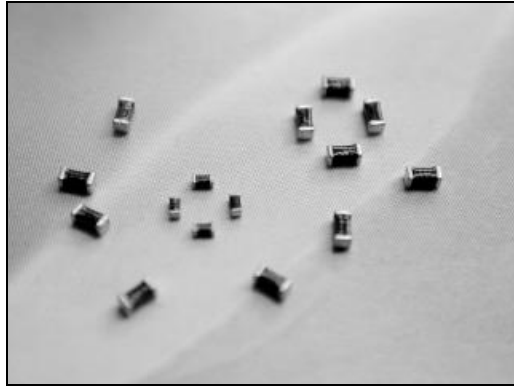


## RF Wire Wound Inductor- SWI-L Series



### Features

- SWI-L Series are laser trimmed inductors used in communications
- Wide range of inductance values available for variable needs
- Excellent solderability and resistance to soldering heat

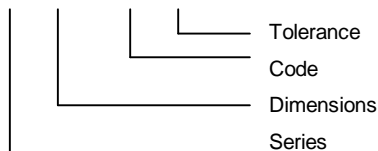
### Dimensions

Part No.	A	B	C	D
SWI0402L	1.00 ± 0.10	0.50 ± 0.10	0.50 ± 0.10	0.20 ± 0.10
SWI0603L	1.60 ± 0.20	0.80 ± 0.20	0.80 ± 0.20	0.30 ± 0.10

TYPE	SWI0402L	SWI0603L
QTY/REEL	10000pcs.	3000pcs.

### Ordering Information

SWI 0402L-47N J



### Characteristics-SWI0402L

All Series: Tolerance: S = ± 0.3nH; G = ± 2%; J = ± 5%

Part No.	Inductance (nH)	Q Typical		Test Frequency (MHz)	SRF Min. (MHz)	RDC Max. (Ω)	IDC Max. (mA)
		100 MHz	800 MHz				
SWI0402L-1N0S	1.0	8	21	100	6000	0.05	400
SWI0402L-1N2S	1.2	8	21	100	6000	0.06	400
SWI0402L-1N5S	1.5	8	21	100	6000	0.07	400
SWI0402L-1N8S	1.8	8	21	100	6000	0.08	400
SWI0402L-2N2S	2.2	8	21	100	6000	0.09	400
SWI0402L-2N7S	2.7	8	21	100	5500	0.10	400
SWI0402L-3N3S	3.3	8	21	100	5500	0.12	400
SWI0402L-3N9S	3.9	8	20	100	5200	0.15	360
SWI0402L-4N7S	4.7	8	20	100	4800	0.17	360
SWI0402L-5N6S	5.6	8	20	100	4600	0.19	340
SWI0402L-6N8 *	6.8	8	19	100	4000	0.30	320
SWI0402L-8N2 *	8.2	8	19	100	3500	0.35	320
SWI0402L-10N *	10	8	19	100	2800	0.41	320
SWI0402L-12N *	12	8	19	100	2800	0.45	320
SWI0402L-15N *	15	8	19	100	2500	0.60	240
SWI0402L-18N *	18	8	19	100	2200	0.70	240
SWI0402L-22N *	22	8	19	100	2000	0.80	200
SWI0402L-27N *	27	8	19	100	1800	1.20	200
SWI0402L-33N *	33	8	18	100	1800	1.40	170
SWI0402L-39N *	39	8	18	100	1800	1.70	150
SWI0402L-47N *	47	8	17	100	1800	2.10	140
SWI0402L-56N *	56	8	17	100	1500	2.50	130
SWI0402L-68N *	68	8	15	100	1500	4.00	120
SWI0402L-82N *	82	8	15	100	1400	4.50	110
SWI0402L-R10 *	100	8	14	100	1200	5.50	90



### Characteristics-SWI0603L

Part No.	Inductance (nH)	Q (min) @ 1000MHz	Test Frequency (MHz)	SRF Min. (MHz)	RDC Max. (Ω)	IDC Max. (mA)
SWI0603L-1N0S	1.0	30	100	6000	0.06	500
SWI0603L-1N0S	1.2	30	100	6000	0.06	500
SWI0603L-1N0S	1.5	30	100	6000	0.07	500
SWI0603L-1N0S	1.8	30	100	6000	0.08	500
SWI0603L-1N0S	2.2	30	100	6000	0.09	500
SWI0603L-1N0S	2.7	30	100	6000	0.10	500
SWI0603L-1N0S	3.3	30	100	5500	0.12	500
SWI0603L-1N0S	3.9	30	100	5500	0.15	450
SWI0603L-1N0S	4.7	30	100	4800	0.17	450
SWI0603L-1N0S	5.6	30	100	4600	0.18	430
SWI0603L-6N8 *	6.8	30	100	3550	0.20	430
SWI0603L-8N2 *	8.2	30	100	3500	0.28	400
SWI0603L-10N *	10	30	100	2800	0.32	400
SWI0603L-12N *	12	30	100	2800	0.35	400
SWI0603L-15N *	15	30	100	2500	0.41	350
SWI0603L-18N *	18	30	100	2300	0.45	350
SWI0603L-22N *	22	30	100	2000	0.50	300
SWI0603L-27N *	27	30	100	2000	0.55	300
SWI0603L-33N *	33	30	100	1800	0.60	300
SWI0603L-39N *	39	30	100	1800	0.80	300
SWI0603L-47N *	47	30	100	1800	0.95	250
SWI0603L-56N *	56	30	100	1800	1.20	250
SWI0603L-68N *	68	30	100	1500	1.30	250
SWI0603L-82N *	82	30	100	1500	1.50	250
SWI0603L-R10 *	100	26	100	1300	1.80	200
SWI0603L-R12 *	120	26	100	1200	3.00	130
SWI0603L-R15 *	150	26	100	1100	4.50	100
SWI0603L-R18 *	180	20	100	1000	6.50	80
SWI0603L-R22 *	220	20	100	900	7.50	70