

**CHIP INDUCTOR
WIRE WOUND TYPE**

SWI 0603 (1608) CERAMIC SERIES

Specification							
Part No.	Inductance ¹ (nH)	Percent Tolerance	Q ²		S.R.F. ³	RDC ⁴	IDC ⁵
			Min	Typical @900MHZ	Min (MHZ)	Max (OHM)	Max (MA)
SWI 0603 CT 2N0	2.0 @ 250 MHZ	B, S	18	31	6900	0.08	700
SWI 0603 CT 3N9	3.9 @ 250 MHZ	B, S	22	50	6900	0.08	700
SWI 0603 CT 4N7	4.7 @ 250 MHZ	B, S	20	47	5800	0.11	700
SWI 0603 CT 6N8	6.8 @ 250 MHZ	K, J, G	28	62	5800	0.11	700
SWI 0603 CT 8N2	8.2 @ 250 MHZ	K, J, G	30	72	4600	0.10	700
SWI 0603 CT 10N	10 @ 250 MHZ	K, J, G	31	66	4800	0.13	700
SWI 0603 CT 12N	12 @ 250 MHZ	K, J, G	35	72	4000	0.13	700
SWI 0603 CT 15N	15 @ 250 MHZ	K, J, G	35	68	4000	0.17	700
SWI 0603 CT 18N	18 @ 250 MHZ	K, J, G	35	75	3100	0.17	700
SWI 0603 CT 22N	22 @ 250 MHZ	K, J, G	38	73	3000	0.19	700
SWI 0603 CT 27N	27 @ 250 MHZ	K, J, G	40	75	2800	0.22	600
SWI 0603 CT 33N	33 @ 250 MHZ	K, J, G	43	78	2300	0.22	600
SWI 0603 CT 39N	39 @ 250 MHZ	K, J, G	43	66	2200	0.25	600
SWI 0603 CT 47N	47 @ 200 MHZ	K, J, G	40	65	2000	0.28	600
SWI 0603 CT 56N	56 @ 200 MHZ	K, J, G	40	65	1900	0.31	600
SWI 0603 CT 68N	68 @ 200 MHZ	K, J, G	40	58	1700	0.34	600
SWI 0603 CT 72N	72 @ 150 MHZ	K, J, G	35	58	1700	0.49	400
SWI 0603 CT 82N	82 @ 150 MHZ	K, J, G	35	57	1700	0.54	400
SWI 0603 CT R10	100 @ 150 MHZ	K, J, G	35	56	1400	0.63	400
SWI 0603 CT R12	120 @ 150 MHZ	K, J, G	35	43	1300	0.65	300
SWI 0603 CT R15	150 @ 150 MHZ	K, J, G	35	33	1000	0.92	280
SWI 0603 CT R18	180 @ 100 MHZ	K, J, G	30	26	1000	1.25	240
SWI 0603 CT R22	220 @ 100 MHZ	K, J, G	30	23	1000	1.70	200
SWI 0603 CT R27	270 @ 100 MHZ	K, J, G	30	10	1000	1.80	170

1. Inductance is measured in HP-4286A RF LCR meter with HP-16193 fixture.

2. Q is measured in HP-4286A RF LCR meter with HP-16193 fixture.

3. SRF is measured in HP-8753E RF network analyzer with HP-16193 fixture.

4. RDC is measured in HP-4338B milliohmmeter.

5. For 15 °C Rise.