

CHIP INDUCTOR
WIRE WOUND TYPE

SWI 0805 (2012) CERAMIC SERIES

Specification						
Part No.	Inductance ¹ (nH)	Percent Tolerance	Q ² Min	S.R.F. ³ Min (MHZ)	RDC ⁴ Max (OHM)	IDC ⁵ Max (MA)
SWI 0805CT 2N2	2.2 @ 250 MHZ	B, S	50 @ 1000 MHZ	6000	0.06	800
SWI 0805CT 2N7	2.7 @ 250 MHZ	B, S	35 @ 1000 MHZ	6000	0.08	800
SWI 0805CT 3N9	3.9 @ 250 MHZ	B, S	60 @ 1000 MHZ	6000	0.06	600
SWI 0805CT 4N7	4.7 @ 250 MHZ	B, S	60 @ 1000 MHZ	5800	0.06	600
SWI 0805CT 5N6	5.6 @ 250 MHZ	K, J, G	60 @ 1000 MHZ	5800	0.08	600
SWI 0805CT 6N8	6.8 @ 250 MHZ	K, J, G	60 @ 1000 MHZ	5500	0.06	600
SWI 0805CT 8N2	8.2 @ 250 MHZ	K, J, G	60 @ 1000 MHZ	5500	0.06	600
SWI 0805CT 10N	10 @ 250 MHZ	K, J, G	60 @ 500 MHZ	4800	0.08	600
SWI 0805CT 12N	12 @ 250 MHZ	K, J, G	60 @ 500 MHZ	4100	0.08	600
SWI 0805CT 15N	15 @ 250 MHZ	K, J, G	60 @ 500 MHZ	3600	0.08	600
SWI 0805CT 18N	18 @ 250 MHZ	K, J, G	60 @ 500 MHZ	3400	0.08	600
SWI 0805CT 22N	22 @ 250 MHZ	K, J, G	60 @ 500 MHZ	3300	0.10	600
SWI 0805CT 27N	27 @ 250 MHZ	K, J, G	60 @ 500 MHZ	2600	0.12	600
SWI 0805CT 33N	33 @ 250 MHZ	K, J, G	60 @ 500 MHZ	2400	0.15	500
SWI 0805CT 39N	39 @ 250 MHZ	K, J, G	60 @ 500 MHZ	2100	0.18	500
SWI 0805CT 47N	47 @ 200 MHZ	K, J, G	60 @ 500 MHZ	1700	0.15	500
SWI 0805CT 56N	56 @ 200 MHZ	K, J, G	60 @ 500 MHZ	1600	0.25	500
SWI 0805CT 68N	68 @ 200 MHZ	K, J, G	60 @ 500 MHZ	1450	0.27	500
SWI 0805CT 82N	82 @ 150 MHZ	K, J, G	60 @ 500 MHZ	1350	0.32	500
SWI 0805CT R10	100 @ 150 MHZ	K, J, G	60 @ 500 MHZ	1200	0.43	500
SWI 0805CT R12	120 @ 150 MHZ	K, J, G	50 @ 250 MHZ	1100	0.48	500
SWI 0805CT R15	150 @ 100 MHZ	K, J, G	50 @ 250 MHZ	950	0.56	400
SWI 0805CT R18	180 @ 100 MHZ	K, J, G	50 @ 250 MHZ	900	0.78	400
SWI 0805CT R22	220 @ 100 MHZ	K, J, G	50 @ 250 MHZ	860	1.00	400
SWI 0805CT R27	270 @ 100 MHZ	K, J, G	45 @ 250 MHZ	850	1.46	350
SWI 0805CT R33	330 @ 100 MHZ	K, J, G	45 @ 250 MHZ	800	1.65	300
SWI 0805CT R39	390 @ 100 MHZ	K, J, G	45 @ 250 MHZ	780	2.20	210

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 millohmeter.

5. For 15 °C Rise.

CHIP INDUCTOR
WIRE WOUND TYPE

SWI 0805 (2012) FERRITE SERIES

Specification						
Part No.	Inductance ¹ (uH)	Percent Tolerance	Q ² Min	S.R.F. ³		IDC ⁵ Max (MA)
				Min (MHZ)	Max (OHM)	
SWI0805FT R47	0.47 @ 25 MHZ	K, J, G	45 @ 100 MHZ	375	0.95	500
SWI0805FT R56	0.56 @ 25 MHZ	K, J, G	45 @ 100 MHZ	340	1.10	450
SWI0805FT R68	0.68 @ 25 MHZ	K, J, G	35 @ 100 MHZ	188	1.20	400
SWI0805FT R82	0.82 @ 25 MHZ	K, J, G	35 @ 100 MHZ	215	1.50	300
SWI0805FT 1R0	1.0 @ 25 MHZ	K, J, G	35 @ 50 MHZ	200	2.13	180
SWI0805FT 1R2	1.2 @ 7.96 MHZ	K, J, G	15 @ 7.96 MHZ	200	2.38	150
SWI0805FT 1R5	1.5 @ 7.96 MHZ	K, J, G	15 @ 7.96 MHZ	200	2.90	130
SWI0805FT 1R8	1.8 @ 7.96 MHZ	K, J, G	15 @ 7.96 MHZ	120	3.00	120
SWI0805FT 2R2	2.2 @ 7.96 MHZ	K, J, G	15 @ 7.96 MHZ	110	3.10	110

1. Inductance is measured in HP-4285A Precision LCR meter/

HP-4286A RF LCR meter with HP-16193 fixture.

2. Q is measured in HP-4285A Precision LCR meter,

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.