

CHIP INDUCTOR
WIRE WOUND TYPE

SWI 0805 (2012) CERAMIC SERIES

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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 milliohmeter.

5. For 15 °C Rise.

CHIP INDUCTOR WIRE WOUND TYPE

SWI 0805 (2012) FERRITE SERIES

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Specification								
Part No.	Inductance ¹ (uH)	Percent Tolerance	Q ² Min	S.R.F. ³ Min (MHZ)	RDC ⁴ Max (OHM)	IDC ⁵ Max (MA)		
SWI 0805FT R47 □□□	0.47 @ 25 MHZ	K, J, G	45 @ 100 MHZ	375	0.95	500		
SWI 0805FT R56 □□□	0.56 @ 25 MHZ	K, J, G	45 @ 100 MHZ	340	1.10	450		
SWI 0805FT R68 □□□	0.68 @ 25 MHZ	K, J, G	35 @ 100 MHZ	188	1.20	400		
SWI 0805FT R82 □□□	0.82 @ 25 MHZ	K, J, G	35 @ 100 MHZ	215	1.50	300		
SWI 0805FT 1R0 □□□	1.0 @ 25 MHZ	K, J, G	35 @ 50 MHZ	200	2.13	180		
SWI 0805FT 1R2 □□□	1.2 @ 7.96 MHZ	K, J, G	15 @ 7.96 MHZ	200	2.38	150		
SWI 0805FT 1R5 □□□	1.5 @ 7.96 MHZ	K, J, G	15 @ 7.96 MHZ	200	2.90	130		
SWI 0805FT 1R8 □□□	1.8 @ 7.96 MHZ	K, J, G	15 @ 7.96 MHZ	120	3.00	120		
SWI 0805FT 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.