

CHIP INDUCTOR
WIRE WOUND TYPE

SWI 0402 (1005) CERAMIC SERIES

Specification							
Part No.	Inductance ¹ (nH)	Percent Tolerance	Q ²		S.R.F. ³	RDC ⁴	IDC ⁵
			Min	Typical	Min (MHZ)	Max (OHM)	Max (MA)
SWI 0402CT 1N0	1.0 @ 250 MHZ	B, S	16	77	6000	0.045	1360
SWI 0402CT 2N0	2.0 @ 250 MHZ	B, S	16	54	6000	0.070	1040
SWI 0402CT 2N2	2.2 @ 250 MHZ	B, S	19	59	6000	0.070	960
SWI 0402CT 3N3	3.3 @ 250 MHZ	B, S	19	65	6000	0.066	840
SWI 0402CT 3N6	3.6 @ 250 MHZ	B, S	19	45	6000	0.066	840
SWI 0402CT 3N9	3.9 @ 250 MHZ	B, S	19	50	5800	0.066	840
SWI 0402CT 5N1	5.1 @ 250 MHZ	K, J, G	20	56	5800	0.083	800
SWI 0402CT 5N6	5.6 @ 250 MHZ	K, J, G	20	54	5800	0.083	760
SWI 0402CT 6N2	6.2 @ 250 MHZ	K, J, G	20	52	5800	0.083	760
SWI 0402CT 7N5	7.5 @ 250 MHZ	K, J, G	22	60	5800	0.104	680
SWI 0402CT 8N2	8.2 @ 250 MHZ	K, J, G	22	57	4400	0.104	680
SWI 0402CT 9N0	9.0 @ 250 MHZ	K, J, G	22	62	4160	0.104	681
SWI 0402CT 10N	10 @ 250 MHZ	K, J, G	21	50	3900	0.195	480
SWI 0402CT 11N	11 @ 250 MHZ	K, J, G	24	52	3680	0.120	640
SWI 0402CT 12N	12 @ 250 MHZ	K, J, G	24	53	3600	0.120	640
SWI 0402CT 15N	15 @ 250 MHZ	K, J, G	24	55	3280	0.172	560
SWI 0402CT 19N	19 @ 250 MHZ	K, J, G	24	50	3040	0.202	480
SWI 0402CT 23N	23 @ 250 MHZ	K, J, G	24	49	2720	0.214	400
SWI 0402CT 27N	27 @ 250 MHZ	K, J, G	24	49	2480	0.298	400
SWI 0402CT 36N	36 @ 250 MHZ	K, J, G	24	44	2320	0.403	320
SWI 0402CT 40N	40 @ 250 MHZ	K, J, G	24	44	2240	0.438	320
SWI 0402CT 47N	47 @ 200 MHZ	K, J, G	20	38	2100	0.830	150

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.