

Specification

Part No.	Inductance ¹ (uH)	Percent Tolerance	Q ²		S.R.F. ³	RDC ⁴	IDC ⁵
			Min	@	Min (MHZ)	Max (OHM)	Max (MA)
SMI 0805 FT 47N □□□	0.047 @ 50 MHZ	M	25	@ 50 MHZ	320	0.20	300
SMI 0805 FT 68N □□□	0.068 @ 50 MHZ	M	25	@ 50 MHZ	280	0.20	300
SMI 0805 FT 82N □□□	0.082 @ 50 MHZ	M	25	@ 50 MHZ	255	0.20	300
SMI 0805 FT R10 □□□	0.10 @ 25 MHZ	K, M	30	@ 25 MHZ	235	0.30	250
SMI 0805 FT R12 □□□	0.12 @ 25 MHZ	K, M	30	@ 25 MHZ	220	0.30	250
SMI 0805 FT R15 □□□	0.15 @ 25 MHZ	K, M	30	@ 25 MHZ	200	0.40	250
SMI 0805 FT R18 □□□	0.18 @ 25 MHZ	K, M	30	@ 25 MHZ	185	0.40	250
SMI 0805 FT R22 □□□	0.22 @ 25 MHZ	K, M	30	@ 25 MHZ	170	0.50	250
SMI 0805 FT R27 □□□	0.27 @ 25 MHZ	K, M	30	@ 25 MHZ	150	0.50	250
SMI 0805 FT R33 □□□	0.33 @ 25 MHZ	K, M	30	@ 25 MHZ	145	0.55	250
SMI 0805 FT R39 □□□	0.39 @ 25 MHZ	K, M	30	@ 25 MHZ	135	0.65	200
SMI 0805 FT R47 □□□	0.47 @ 25 MHZ	K, M	30	@ 25 MHZ	125	0.65	200
SMI 0805 FT R56 □□□	0.56 @ 25 MHZ	K, M	30	@ 25 MHZ	115	0.75	150
SMI 0805 FT R68 □□□	0.68 @ 25 MHZ	K, M	30	@ 25 MHZ	105	0.80	150
SMI 0805 FT R82 □□□	0.82 @ 25 MHZ	K, M	30	@ 25 MHZ	100	1.00	150
SMI 0805 FT 1R0 □□□	1.0 @ 10 MHZ	K, M	45	@ 10 MHZ	75	0.40	50
SMI 0805 FT 1R2 □□□	1.2 @ 10 MHZ	K, M	45	@ 10 MHZ	65	0.50	50
SMI 0805 FT 1R5 □□□	1.5 @ 10 MHZ	K, M	45	@ 10 MHZ	60	0.50	50
SMI 0805 FT 1R8 □□□	1.8 @ 10 MHZ	K, M	45	@ 10 MHZ	55	0.60	50
SMI 0805 FT 2R2 □□□	2.2 @ 10 MHZ	K, M	45	@ 10 MHZ	50	0.65	30
SMI 0805 FT 2R7 □□□	2.7 @ 10 MHZ	K, M	45	@ 10 MHZ	45	0.75	30
SMI 0805 FT 3R3 □□□	3.3 @ 10 MHZ	K, M	45	@ 10 MHZ	41	0.80	30
SMI 0805 FT 3R9 □□□	3.9 @ 10 MHZ	K, M	45	@ 10 MHZ	38	0.90	30
SMI 0805 FT 4R7 □□□	4.7 @ 10 MHZ	K, M	45	@ 10 MHZ	35	1.00	30
SMI 0805 FT 5R6 □□□	5.6 @ 4 MHZ	K, M	45	@ 4 MHZ	32	0.90	15
SMI 0805 FT 6R8 □□□	6.8 @ 4 MHZ	K, M	45	@ 4 MHZ	29	1.00	15
SMI 0805 FT 8R2 □□□	8.2 @ 4 MHZ	K, M	45	@ 4 MHZ	26	1.10	15
SMI 0805 FT 100 □□□	10 @ 2 MHZ	K, M	45	@ 2 MHZ	24	1.15	15
SMI 0805 FT 120 □□□	12 @ 2 MHZ	K, M	45	@ 2 MHZ	22	1.25	15
SMI 0805 FT 150 □□□	15 @ 1 MHZ	K, M	30	@ 1 MHZ	19	0.80	5
SMI 0805 FT 180 □□□	18 @ 1 MHZ	K, M	30	@ 1 MHZ	18	0.90	5
SMI 0805 FT 220 □□□	22 @ 1 MHZ	K, M	30	@ 1 MHZ	16	1.10	5
SMI 0805 FT 270 □□□	27 @ 1 MHZ	K, M	30	@ 1 MHZ	14	1.15	5
SMI 0805 FT 330 □□□	33 @ 0.4 MHZ	K, M	30	@ 0.4 MHZ	13	1.25	5
SMI 0805 FT 390 □□□	39 @ 2 MHZ	K, M	35	@ 2 MHZ	8	2.90	4
SMI 0805 FT 470 □□□	47 @ 2 MHZ	K, M	35	@ 2 MHZ	7.5	3.00	4
SMI 0805 FT 560 □□□	56 @ 2 MHZ	K, M	35	@ 2 MHZ	7	3.10	4
SMI 0805 FT 680 □□□	68 @ 1 MHZ	K, M	25	@ 1 MHZ	6.5	2.90	2
SMI 0805 FT 820 □□□	82 @ 1 MHZ	K, M	25	@ 1 MHZ	6	3.00	2
SMI 0805 FT 101 □□□	100 @ 1 MHZ	K, M	25	@ 1 MHZ	5.5	3.10	2

1. Inductance is measured in HP-4287A RF LCR meter with HP-16192 fixture.

2. Q is measured in HP-4287A RF LCR meter with HP-16192 fixture.

3. SRF is measured in HP-8753E RF network analyzer with HP-16192 fixture.

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

5. For 15 °C Rise.