

Specification

Part No.	Inductance ¹ (uH)	Percent Tolerance	Q ² Min	S.R.F. ³	RDC ⁴	IDC ⁵
				Min (MHZ)	Max (OHM)	Max (MA)
SMI 1206 FT 47N □□□	0.047 @ 50 MHZ	M	25 @ 50 MHZ	320	0.15	300
SMI 1206 FT 68N □□□	0.068 @ 50 MHZ	M	25 @ 50 MHZ	280	0.25	300
SMI 1206 FT 82N □□□	0.082 @ 50 MHZ	M	25 @ 50 MHZ	250	0.25	300
SMI 1206 FT R10 □□□	0.10 @ 25 MHZ	K, M	30 @ 25 MHZ	235	0.25	250
SMI 1206 FT R12 □□□	0.12 @ 25 MHZ	K, M	30 @ 25 MHZ	220	0.30	250
SMI 1206 FT R15 □□□	0.15 @ 25 MHZ	K, M	30 @ 25 MHZ	200	0.30	250
SMI 1206 FT R18 □□□	0.18 @ 25 MHZ	K, M	30 @ 25 MHZ	185	0.40	250
SMI 1206 FT R22 □□□	0.22 @ 25 MHZ	K, M	30 @ 25 MHZ	170	0.40	250
SMI 1206 FT R27 □□□	0.27 @ 25 MHZ	K, M	30 @ 25 MHZ	150	0.50	250
SMI 1206 FT R33 □□□	0.33 @ 25 MHZ	K, M	30 @ 25 MHZ	145	0.60	250
SMI 1206 FT R39 □□□	0.39 @ 25 MHZ	K, M	30 @ 25 MHZ	135	0.60	200
SMI 1206 FT R47 □□□	0.47 @ 25 MHZ	K, M	30 @ 25 MHZ	125	0.60	200
SMI 1206 FT R56 □□□	0.56 @ 25 MHZ	K, M	30 @ 25 MHZ	115	0.70	150
SMI 1206 FT R68 □□□	0.68 @ 25 MHZ	K, M	30 @ 25 MHZ	105	0.80	150
SMI 1206 FT R82 □□□	0.82 @ 25 MHZ	K, M	30 @ 25 MHZ	100	0.90	150
SMI 1206 FT 1R0 □□□	1.0 @ 10 MHZ	K, M	45 @ 10 MHZ	75	0.40	100
SMI 1206 FT 1R2 □□□	1.2 @ 10 MHZ	K, M	45 @ 10 MHZ	65	0.50	100
SMI 1206 FT 1R5 □□□	1.5 @ 10 MHZ	K, M	45 @ 10 MHZ	60	0.50	80
SMI 1206 FT 1R8 □□□	1.8 @ 10 MHZ	K, M	45 @ 10 MHZ	55	0.50	70
SMI 1206 FT 2R2 □□□	2.2 @ 10 MHZ	K, M	45 @ 10 MHZ	50	0.60	60
SMI 1206 FT 2R7 □□□	2.7 @ 10 MHZ	K, M	45 @ 10 MHZ	45	0.60	60
SMI 1206 FT 3R3 □□□	3.3 @ 10 MHZ	K, M	45 @ 10 MHZ	41	0.70	60
SMI 1206 FT 3R9 □□□	3.9 @ 10 MHZ	K, M	45 @ 10 MHZ	38	0.80	50
SMI 1206 FT 4R7 □□□	4.7 @ 10 MHZ	K, M	45 @ 10 MHZ	35	0.90	50
SMI 1206 FT 5R6 □□□	5.6 @ 4 MHZ	K, M	45 @ 4 MHZ	32	0.70	25
SMI 1206 FT 6R8 □□□	6.8 @ 4 MHZ	K, M	45 @ 4 MHZ	29	0.80	25
SMI 1206 FT 8R2 □□□	8.2 @ 4 MHZ	K, M	45 @ 4 MHZ	26	0.90	25
SMI 1206 FT 100 □□□	10 @ 2 MHZ	K, M	45 @ 2 MHZ	24	1.00	25
SMI 1206 FT 120 □□□	12 @ 2 MHZ	K, M	45 @ 2 MHZ	22	1.05	15
SMI 1206 FT 150 □□□	15 @ 1 MHZ	K, M	35 @ 1 MHZ	19	0.70	5
SMI 1206 FT 180 □□□	18 @ 1 MHZ	K, M	35 @ 1 MHZ	18	0.75	5
SMI 1206 FT 220 □□□	22 @ 1 MHZ	K, M	35 @ 1 MHZ	16	0.90	5
SMI 1206 FT 270 □□□	27 @ 1 MHZ	K, M	35 @ 1 MHZ	14	0.90	5
SMI 1206 FT 330 □□□	33 @ 0.4 MHZ	K, M	35 @ 0.4 MHZ	13	1.05	5
SMI 1206 FT 390 □□□	39 @ 2 MHZ	K, M	40 @ 2 MHZ	11	3.00	10
SMI 1206 FT 470 □□□	47 @ 2 MHZ	K, M	40 @ 2 MHZ	10	3.40	10

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 milliohmmeter.

5. For 15 °C Rise.