

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 0603 FT 47N □□□	0.047 @ 50 MHZ	M	20 @ 50 MHZ	260	0.30	50
SMI 0603 FT 68N □□□	0.068 @ 50 MHZ	M	20 @ 50 MHZ	250	0.30	50
SMI 0603 FT 82N □□□	0.082 @ 50 MHZ	M	20 @ 50 MHZ	245	0.30	50
SMI 0603 FT R10 □□□	0.10 @ 25 MHZ	K, M	30 @ 25 MHZ	240	0.50	50
SMI 0603 FT R12 □□□	0.12 @ 25 MHZ	K, M	30 @ 25 MHZ	205	0.50	50
SMI 0603 FT R15 □□□	0.15 @ 25 MHZ	K, M	30 @ 25 MHZ	180	0.60	50
SMI 0603 FT R18 □□□	0.18 @ 25 MHZ	K, M	30 @ 25 MHZ	165	0.60	50
SMI 0603 FT R22 □□□	0.22 @ 25 MHZ	K, M	30 @ 25 MHZ	150	0.80	50
SMI 0603 FT R27 □□□	0.27 @ 25 MHZ	K, M	30 @ 25 MHZ	136	0.80	50
SMI 0603 FT R33 □□□	0.33 @ 25 MHZ	K, M	30 @ 25 MHZ	125	0.85	35
SMI 0603 FT R39 □□□	0.39 @ 25 MHZ	K, M	30 @ 25 MHZ	110	1.00	35
SMI 0603 FT R47 □□□	0.47 @ 25 MHZ	K, M	30 @ 25 MHZ	105	1.35	35
SMI 0603 FT R56 □□□	0.56 @ 25 MHZ	K, M	30 @ 25 MHZ	95	1.55	35
SMI 0603 FT R68 □□□	0.68 @ 25 MHZ	K, M	30 @ 25 MHZ	85	1.70	35
SMI 0603 FT R82 □□□	0.82 @ 25 MHZ	K, M	30 @ 25 MHZ	75	2.10	35
SMI 0603 FT 1R0 □□□	1.0 @ 10 MHZ	K, M	35 @ 10 MHZ	65	0.60	25
SMI 0603 FT 1R2 □□□	1.2 @ 10 MHZ	K, M	35 @ 10 MHZ	60	0.80	25
SMI 0603 FT 1R5 □□□	1.5 @ 10 MHZ	K, M	35 @ 10 MHZ	55	0.80	25
SMI 0603 FT 1R8 □□□	1.8 @ 10 MHZ	K, M	35 @ 10 MHZ	50	0.95	25
SMI 0603 FT 2R2 □□□	2.2 @ 10 MHZ	K, M	35 @ 10 MHZ	45	1.15	15
SMI 0603 FT 2R7 □□□	2.7 @ 10 MHZ	K, M	35 @ 10 MHZ	40	1.35	15
SMI 0603 FT 3R3 □□□	3.3 @ 10 MHZ	K, M	35 @ 10 MHZ	38	1.55	15
SMI 0603 FT 3R9 □□□	3.9 @ 10 MHZ	K, M	35 @ 10 MHZ	36	1.70	15
SMI 0603 FT 4R7 □□□	4.7 @ 10 MHZ	K, M	35 @ 10 MHZ	33	2.10	15
SMI 0603 FT 5R6 □□□	5.6 @ 4 MHZ	K, M	35 @ 4 MHZ	22	1.55	5
SMI 0603 FT 6R8 □□□	6.8 @ 4 MHZ	K, M	35 @ 4 MHZ	20	1.70	5
SMI 0603 FT 8R2 □□□	8.2 @ 4 MHZ	K, M	30 @ 4 MHZ	18	2.10	5
SMI 0603 FT 100 □□□	10 @ 2 MHZ	K, M	30 @ 2 MHZ	17	2.55	5
SMI 0603 FT 120 □□□	12 @ 2 MHZ	K, M	30 @ 2 MHZ	15	2.10	3
SMI 0603 FT 150 □□□	15 @ 1 MHZ	K, M	20 @ 1 MHZ	14	1.70	1
SMI 0603 FT 180 □□□	18 @ 1 MHZ	K, M	20 @ 1 MHZ	13	1.85	1
SMI 0603 FT 220 □□□	22 @ 1 MHZ	K, M	20 @ 1 MHZ	11	2.10	1
SMI 0603 FT 270 □□□	27 @ 1 MHZ	K, M	20 @ 1 MHZ	10	2.75	1
SMI 0603 FT 330 □□□	33 @ 1 MHZ	K, M	20 @ 1 MHZ	9	2.95	1

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.