

Specification

Part No.	Inductance ¹ (nH)	Percent Tolerance	Q ² Min	S.R.F. ³	RDC ⁴	IDC ⁵
				Min (MHZ)	Max (MΩ)	Max (MA)
SAI 0805 RT 3N9	3.9 @ 300 MHZ	K	80 @ 300 MHZ	>3000	2.60	1200
SAI 0805 RT 4N7	4.7 @ 300 MHZ	K	80 @ 300 MHZ	>3000	3.60	900
SAI 0805 RT 5N6	5.6 @ 300 MHZ	K	80 @ 300 MHZ	>3000	3.70	950
SAI 0805 RT 6N8	6.8 @ 300 MHZ	K	80 @ 300 MHZ	>3000	4.50	900
SAI 0805 RT 8N2	8.2 @ 300 MHZ	K	80 @ 300 MHZ	>3000	5.30	840
SAI 0805 RT 10N	10 @ 300 MHZ	K	70 @ 300 MHZ	>3000	5.40	900
SAI 0805 RT 12N	12 @ 300 MHZ	K	70 @ 300 MHZ	>3000	6.30	900
SAI 0805 RT 15N	15 @ 300 MHZ	K	70 @ 300 MHZ	2500	7.20	900
SAI 0805 RT 18N	18 @ 300 MHZ	K	70 @ 300 MHZ	2500	12.5	500
SAI 0805 RT 22N	22 @ 300 MHZ	K	70 @ 300 MHZ	2400	12.9	550
SAI 0805 RT 27N	27 @ 300 MHZ	K	70 @ 300 MHZ	1600	14.5	550
SAI 0805 RT 33N	33 @ 300 MHZ	K	70 @ 300 MHZ	1600	18.7	500
SAI 0805 RT 39N	39 @ 300 MHZ	K	70 @ 300 MHZ	1500	25.7	380
SAI 0805 RT 47N	47 @ 300 MHZ	K	70 @ 300 MHZ	1500	34.5	320
SAI 0805 RT 56N	56 @ 300 MHZ	K	70 @ 300 MHZ	1300	38.4	320
SAI 0805 RT 68N	68 @ 300 MHZ	K	70 @ 300 MHZ	1300	42.2	320

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				Min (MHZ)	Max (MΩ)	Max (MA)
SAI 1008 RT 6N8	6.8 @ 300 MHZ	K	80 @ 300 MHZ	>3000	4.00	1200
SAI 1008 RT 8N2	8.2 @ 300 MHZ	K	80 @ 300 MHZ	>3000	5.00	950
SAI 1008 RT 10N	10 @ 300 MHZ	K	70 @ 300 MHZ	>3000	6.00	950
SAI 1008 RT 12N	12 @ 300 MHZ	K	70 @ 300 MHZ	>3000	6.50	900
SAI 1008 RT 15N	15 @ 300 MHZ	K	70 @ 300 MHZ	2500	7.30	900
SAI 1008 RT 18N	18 @ 300 MHZ	K	70 @ 300 MHZ	2500	9.60	840
SAI 1008 RT 22N	22 @ 300 MHZ	K	70 @ 300 MHZ	2400	10.8	840
SAI 1008 RT 27N	27 @ 300 MHZ	K	70 @ 300 MHZ	1600	13.9	600
SAI 1008 RT 33N	33 @ 300 MHZ	K	70 @ 300 MHZ	1600	19.5	500
SAI 1008 RT 39N	39 @ 300 MHZ	K	70 @ 300 MHZ	1500	21.6	500
SAI 1008 RT 47N	47 @ 300 MHZ	K	70 @ 300 MHZ	1500	25.2	470
SAI 1008 RT 56N	56 @ 300 MHZ	K	70 @ 300 MHZ	1300	27.5	470
SAI 1008 RT 68N	68 @ 300 MHZ	K	70 @ 300 MHZ	1300	37.1	380
SAI 1008 RT 82N	82 @ 300 MHZ	K	70 @ 300 MHZ	1000	51.5	320
SAI 1008 RT R10	100 @ 300 MHZ	K	70 @ 300 MHZ	1000	55.5	320
SAI 1008 RT R12	120 @ 300 MHZ	K	70 @ 300 MHZ	950	63.4	320

1. Inductance is measured in HP-4284A RF LCR meter with HP-16191 fixture.

2. Q is measured in HP-4284A RF LCR meter with HP-16191 fixture.

3. SRF is measured in HP-8753D impedance analyzer with HP-16191 fixture.

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

5. For 15 °C Rise.