

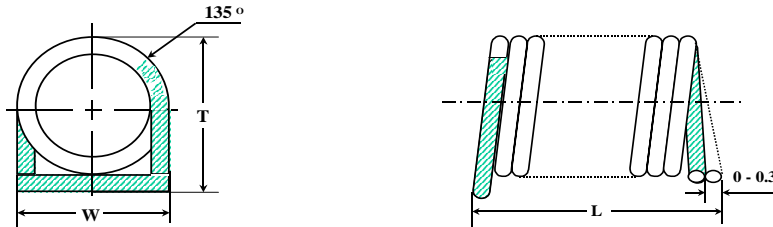
Part Number Code

**SAI 0603 R T 6N8 K** □ □

**1 2 TAPING 3 4 INTERNAL CODE**

**1. Product Type :** SAI SERIES

**2. Chip Dimension**



TYPE	T (MAX)	W (MAX)	L	
			(MIN)	(MAX)
SAI 0603	1.90 mm	1.60 mm	1.20 mm	1.90 mm
SAI 0805	1.90 mm	1.60 mm	1.30 mm	2.40 mm
SAI 1008	1.90 mm	1.60 mm	2.10 mm	3.00 mm

**3. Inductance Value**

3N3 = 3.3 nH

33N = 33 nH

R33 = 330 nH

**4. Tolerance**

K = ± 10%

**Specification**

Part No.	Inductance <sup>1</sup> (nH)	Percent Tolerance	Q <sup>2</sup> Min	S.R.F. <sup>3</sup>	RDC <sup>4</sup>	IDC <sup>5</sup>
				Min (MHZ)	Max (MΩ)	Max (MA)
SAI 0603 RT 3N9	3.9 @ 300 MHZ	K	80 @ 300 MHZ	>3000	3.00	950
SAI 0603 RT 4N7	4.7 @ 300 MHZ	K	80 @ 300 MHZ	>3000	3.60	900
SAI 0603 RT 5N6	5.6 @ 300 MHZ	K	80 @ 300 MHZ	>3000	3.80	950
SAI 0603 RT 6N8	6.8 @ 300 MHZ	K	80 @ 300 MHZ	>3000	4.50	900
SAI 0603 RT 8N2	8.2 @ 300 MHZ	K	80 @ 300 MHZ	>3000	5.30	840
SAI 0603 RT 10N	10 @ 300 MHZ	K	70 @ 300 MHZ	>3000	6.90	600
SAI 0603 RT 12N	12 @ 300 MHZ	K	70 @ 300 MHZ	>3000	8.30	600
SAI 0603 RT 15N	15 @ 300 MHZ	K	70 @ 300 MHZ	2500	11.5	500
SAI 0603 RT 18N	18 @ 300 MHZ	K	70 @ 300 MHZ	2500	12.8	500
SAI 0603 RT 22N	22 @ 300 MHZ	K	70 @ 300 MHZ	2400	11.3	550
SAI 0603 RT 27N	27 @ 300 MHZ	K	70 @ 300 MHZ	1600	17.0	500
SAI 0603 RT 33N	33 @ 300 MHZ	K	70 @ 300 MHZ	1600	26.9	320
SAI 0603 RT 39N	39 @ 300 MHZ	K	70 @ 300 MHZ	1500	30.7	320
SAI 0603 RT 47N	47 @ 300 MHZ	K	70 @ 300 MHZ	1500	34.5	320
SAI 0603 RT 56N	56 @ 300 MHZ	K	70 @ 300 MHZ	1300	38.4	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 milliohmeter.

5. For 15 °C Rise.