

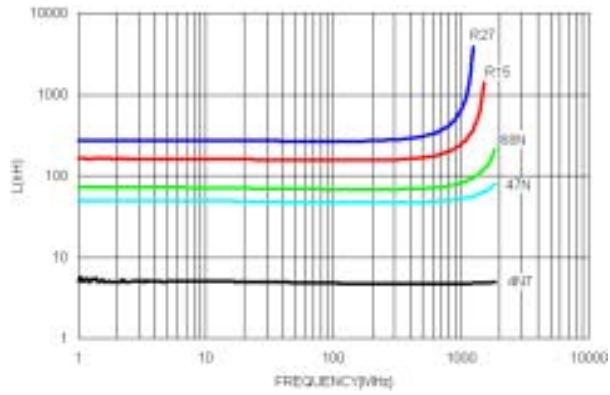
Electrical Characteristics

Part Number	Inductance (nH)	Test Frequency (MHz)	Tolerance (±%)	Q Min	SRF (MHz) Min	Rdc () Max	Irms (mA) Max	900 MHz		1.7 GHz		Color
								L Typ	Q Typ	L Typ	Q Typ	
CS0603-1N6□-S	1.6	250	10 / 5	24	12500	0.030	700	1.67	49	1.65	63	Red
CS0603-1N8□-S	1.8	250	10 / 5	16	12500	0.045	700	1.63	35	1.66	50	Black
CS0603-3N6□-S	3.6	250	10 / 5	22	5900	0.063	700	3.72	53	3.71	65	Red
CS0603-3N9□-S	3.9	250	10 / 5	22	6900	0.080	700	3.95	49	3.96	67	Brown
CS0603-4N3□-S	4.3	250	10 / 5	22	5900	0.063	700	4.32	50	4.33	70	Orange
CS0603-4N7□-S	4.7	250	10 / 5	20	5800	0.116	700	4.72	47	4.75	57	Violet
CS0603-5N1□-S	5.1	250	10 / 5	20	5700	0.140	700	4.93	47	4.95	56	Green
CS0603-5N6□-S	5.6	250	10 / 5	20	5800	0.170	700	5.53	56	5.86	77	Yellow
CS0603-6N3□-S	6.3	250	10 / 5	20	5700	0.140	700	5.50	47	6.10	60	White
CS0603-6N8□-S	6.8	250	10 / 5	27	5800	0.110	700	6.75	60	7.10	81	Red
CS0603-7N5□-S	7.5	250	10 / 5	28	4800	0.106	700	7.70	60	7.82	65	Brown
CS0603-8N2□-S	8.2	250	10 / 5	28	4700	0.109	700	8.30	60	8.50	60	White
CS0603-8N7□-S	8.7	250	10 / 5	28	4600	0.109	700	8.86	62	9.32	58	Yellow
CS0603-9N5□-S	9.5	250	10 / 5	28	5400	0.135	700	9.70	59	9.92	61	Blue
CS0603-10N□-S	10	250	10 / 5 / 2	31	4800	0.130	700	10.0	66	10.6	83	Orange
CS0603-11N□-S	11	250	10 / 5 / 2	33	4000	0.086	700	11.0	53	11.5	56	Gray
CS0603-12N□-S	12	250	10 / 5 / 2	35	4000	0.130	700	12.3	72	13.5	83	Yellow
CS0603-15N□-S	15	250	10 / 5 / 2	35	4000	0.170	700	15.4	64	16.8	89	Green
CS0603-16N□-S	16	250	10 / 5 / 2	34	3300	0.104	700	16.2	55	17.3	52	White
CS0603-18N□-S	18	250	10 / 5 / 2	35	3100	0.170	700	18.7	70	21.4	69	Blue
CS0603-22N□-S	22	250	10 / 5 / 2	38	3000	0.190	700	22.8	73	26.1	71	Violet
CS0603-24N□-S	24	250	10 / 5 / 2	37	2650	0.135	700	24.5	45	28.7	39	Black
CS0603-27N□-S	27	250	10 / 5 / 2	40	2800	0.220	600	29.2	74	34.6	65	Gray
CS0603-30N□-S	30	250	10 / 5 / 2	37	2250	0.144	600	31.4	47	39.9	28	Brown
CS0603-33N□-S	33	250	10 / 5 / 2	40	2300	0.220	600	36	67	49.5	42	White
CS0603-36N□-S	36	250	10 / 5 / 2	38	2080	0.250	600	39.4	47	52.7	24	Red
CS0603-39N□-S	39	250	10 / 5 / 2	40	2200	0.250	600	42.7	60	60.2	40	Black
CS0603-43N□-S	43	250	10 / 5 / 2	39	2000	0.280	600	47	44	64.9	21	Orange
CS0603-47N□-S	47	200	10 / 5 / 2	38	2000	0.280	600	52.2	62	77.2	35	Brown
CS0603-56N□-S	56	200	10 / 5 / 2	38	1900	0.310	600	62.5	56	97	26	Red
CS0603-68N□-S	68	200	10 / 5 / 2	37	1700	0.340	600	80.5	54	168	21	Orange
CS0603-72N□-S	72	150	10 / 5 / 2	34	1700	0.490	400	82	53	135	20	Yellow
CS0603-82N□-S	82	150	10 / 5 / 2	34	1700	0.540	400	96.2	54	177	21	Green
CS0603-R10□-S	100	150	10 / 5 / 2	34	1400	0.580	400	124	49	-	-	Blue
CS0603-R11□-S	110	150	10 / 5 / 2	32	1350	0.610	300	138	43	-	-	Violet
CS0603-R12□-S	120	150	10 / 5 / 2	32	1300	0.750	300	166	39	-	-	Gray
CS0603-R15□-S	150	150	10 / 5 / 2	28	990	0.920	280	250	25	-	-	White
CS0603-R18□-S	180	100	10 / 5 / 2	25	990	1.250	240	305	22	-	-	Black
CS0603-R22□-S	220	100	10 / 5 / 2	25	900	2.100	200	-	-	-	-	Brown
CS0603-R27□-S	270	100	10 / 5 / 2	24	900	2.800	170	-	-	-	-	Red
CS0603-R33□-S	330	100	10 / 5 / 2	25	900	3.890	100	-	-	-	-	Orange
CS0603-R39□-S	390	100	10 / 5 / 2	25	700	4.350	100	-	-	-	-	Yellow

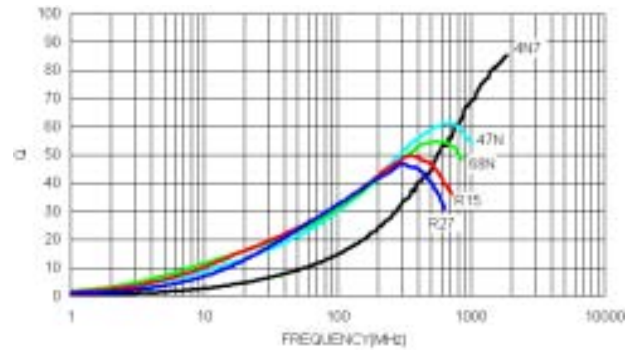
- When ordering, please specify tolerance and packaging codes.
- Tolerance : G = ±2% , J = ±5% , K = ±10%
- Packaging: Clear tape and reel {standard}.
- L /Q: Agilent/HP4291A+ Agilent/HP16197A
- SRF: HP8753D/ HP4291A
- RDC: CH502BC/HP4338B
- I rms for a 15 rise above 25 ambient.
- Operating temperature range from -40 to 125

Test Instruments : HP4291A Material/Impedance Analyzer

Typical **L** vs. **F** Frequency



Typical **Q** vs. **F** Frequency



All specifications are subject to change without notification.