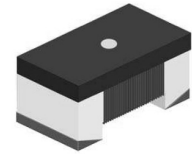


Electrical / Environmental

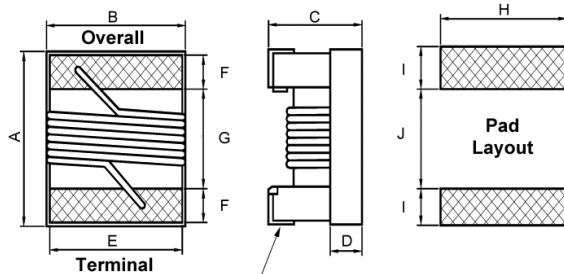
- Inductance Range 1nH to 15 μ H
- Operating Temperature Range -40°C to +125°C
- Ambient Temperature, Maximum +80°C
- Resistance to Solder Heat 260°C for 10 sec.
- Terminal Push Test, Minimum 2 ~ 4 Pounds
- Resistance to Solvent MIL-STD-202F Method 215D

BWL

Wirewound Chip Inductors



Outline Dimensions (mm)

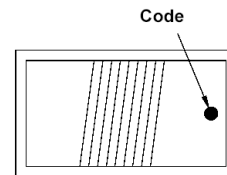


Terminal Wraparound:
Approx. 0.007"/0.18mm
(Both Ends)

Color Coding

0603ST/0805ST/1008ST/1206ST Series
(There is no color coding for 0402ST series)

Because of small sizes, these parts are marked with a single color dot. The inductance value represented by the dot is shown on the data page for each series.



Color Coding

Series	A Max.	B Max.	C Max.	D Ref.	E	F	G	H	I	J
0402ST	1.27	0.76	0.61	0.15	0.51	0.23	0.56	0.66	0.50	0.46
0603ST	1.80	1.12	1.02	0.38	0.76	0.33	0.86	1.02	0.64	0.64
0805ST	2.29	1.73	1.52	0.51	1.27	0.44	1.02	1.78	1.02	0.76
1008ST	2.92	2.79	2.03	0.65	2.03	0.51	1.52	2.54	1.02	1.27
1206ST	3.56	2.16	1.52	0.50	1.60	0.50	2.20	1.93	1.02	1.78

0402ST Specifications

Part Number	Inductance nH	Tolerance (%)	Q Min.	SRF GHz Min.	DCR Max. (Ω)	Current DC/Max. (mA)	900MHz (Typical)		1.7GHz (Typical)	
							L	Q	L	Q
BWL0402ST-1N0 \square TR7	1.0 @ 250MHz	10	16	12.70	0.045	1360	1.02	77	1.02	69
BWL0402ST-1N9 \square TR7	1.9 @ 250MHz	10,5	16	11.30	0.070	1040	1.72	68	1.74	82
BWL0402ST-2N0 \square TR7	2.0 @ 250MHz	10,5	16	11.10	0.070	1040	1.93	54	1.93	75
BWL0402ST-2N2 \square TR7	2.2 @ 250MHz	10,5	19	10.80	0.070	960	2.19	59	2.23	100
BWL0402ST-2N4 \square TR7	2.4 @ 250MHz	10,5	15	10.50	0.070	790	2.24	51	2.27	68
BWL0402ST-2N7 \square TR7	2.7 @ 250MHz	10,5	16	10.40	0.120	640	2.23	42	2.25	61
BWL0402ST-3N3 \square TR7	3.3 @ 250MHz	10,5,2	19	7.00	0.066	840	3.10	65	3.12	87
BWL0402ST-3N6 \square TR7	3.6 @ 250MHz	10,5,2	19	6.80	0.066	840	3.56	45	3.62	71
BWL0402ST-3N9 \square TR7	3.9 @ 250MHz	10,5,2	19	5.80	0.066	840	3.89	50	4.00	75
BWL0402ST-4N3 \square TR7	4.3 @ 250MHz	10,5,2	18	6.00	0.091	700	4.19	47	4.30	71
BWL0402ST-4N7 \square TR7	4.7 @ 250MHz	10,5,2	18	4.70	0.130	640	4.55	48	4.68	68
BWL0402ST-5N1 \square TR7	5.1 @ 250MHz	10,5,2	20	4.80	0.083	800	5.15	56	5.25	82
BWL0402ST-5N6 \square TR7	5.6 @ 250MHz	10,5,2	20	4.80	0.083	760	5.16	54	5.28	81
BWL0402ST-6N2 \square TR7	6.2 @ 250MHz	10,5,2	20	4.80	0.083	760	6.16	52	6.37	76
BWL0402ST-6N8 \square TR7	6.8 @ 250MHz	10,5,2	20	4.80	0.083	680	6.56	63	6.93	78
BWL0402ST-7N5 \square TR7	7.5 @ 250MHz	10,5,2	22	4.80	0.104	680	7.91	60	8.22	88

0402ST Specifications (Cont'd)

Part Number	Inductance nH	Tolerance (%)	Q Min.	SRF GHz Min.	DCR Max. (Ω)	Current DC/Max. (mA)	900MHz (Typical)		1.7GHz (Typical)	
							L	Q	L	Q
BWL0402ST-8N2□TR7	8.2 @ 250MHz	10,5,2	22	4.40	0.104	680	8.50	57	8.85	84
BWL0402ST-8N7□TR7	8.7 @ 250MHz	10,5,2	18	4.10	0.200	480	8.78	54	9.21	73
BWL0402ST-9N0□TR7	9.0 @ 250MHz	10,5,2	22	4.16	0.104	680	9.07	62	9.53	78
BWL0402ST-9N5□TR7	9.5 @ 250MHz	10,5,2	18	4.00	0.200	480	9.42	54	9.98	69
BWL0402ST-10N□TR7	10 @ 250MHz	10,5,2	21	3.90	0.195	480	9.80	50	10.10	67
BWL0402ST-11N□TR7	11 @ 250MHz	10,5,2	24	3.68	0.120	640	10.70	52	11.20	78
BWL0402ST-12N□TR7	12 @ 250MHz	10,5,2	24	3.60	0.120	640	11.90	53	12.70	71
BWL0402ST-13N□TR7	13 @ 250MHz	10,5,2	24	3.45	0.210	440	13.40	51	14.60	57
BWL0402ST-15N□TR7	15 @ 250MHz	10,5,2	24	3.28	0.172	560	14.60	55	15.50	77
BWL0402ST-16N□TR7	16 @ 250MHz	10,5,2	24	3.10	0.220	560	16.60	46	18.80	47
BWL0402ST-18N□TR7	18 @ 250MHz	10,5,2	25	3.10	0.230	420	18.30	57	20.30	62
BWL0402ST-19N□TR7	19 @ 250MHz	10,5,2	24	3.04	0.202	480	19.10	50	21.10	67
BWL0402ST-20N□TR7	20 @ 250MHz	10,5,2	25	3.00	0.250	420	20.70	52	23.70	53
BWL0402ST-22N□TR7	22 @ 250MHz	10,5,2	25	2.80	0.300	400	23.20	53	26.80	53
BWL0402ST-23N□TR7	23 @ 250MHz	10,5,2	24	2.72	0.300	400	23.80	49	26.90	64
BWL0402ST-24N□TR7	24 @ 250MHz	10,5,2	25	2.70	0.300	400	25.10	51	29.50	50
BWL0402ST-27N□TR7	27 @ 250MHz	10,5,2	24	2.48	0.300	400	28.70	49	33.50	63
BWL0402ST-30N□TR7	30 @ 250MHz	10,5,2	25	2.35	0.350	400	31.10	46	38.50	39
BWL0402ST-33N□TR7	33 @ 250MHz	10,5,2	24	2.35	0.350	400	34.90	31	41.70	32
BWL0402ST-36N□TR7	36 @ 250MHz	10,5,2	24	2.32	0.440	320	39.50	44	48.40	53
BWL0402ST-39N□TR7	39 @ 250MHz	10,5,2	25	2.10	0.550	200	41.70	47	50.20	45
BWL0402ST-40N□TR7	40 @ 250MHz	10,5,2	24	2.24	0.500	320	39.00	44	47.40	33
BWL0402ST-43N□TR7	43 @ 250MHz	10,5,2	25	2.03	0.810	100	45.80	46	61.60	34
BWL0402ST-47N□TR7	47 @ 250MHz	10,5,2	25	2.10	0.830	150	50.00	38	55.80	37
BWL0402ST-51N□TR7	51 @ 250MHz	10,5,2	25	1.75	0.820	100	50.40	47	59.40	37
BWL0402ST-56N□TR7	56 @ 250MHz	10,5,2	25	1.76	0.970	100	57.40	49	72.40	40
BWL0402ST-68N□TR7	68 @ 250MHz	10,5,2	22	1.62	1.120	100	69.60	45	83.40	38

0603ST Specifications

Part Number	Inductance nH	Tolerance (%)	Q Min.	SRF GHz Min.	DCR Max. (Ω)	Current DC/Max. (mA)	900MHz (Typical)		1.7GHz (Typical)		Color Code
							L	Q	L	Q	
BWL0603ST-1N6□TR7	1.6 @ 250MHz	10,5	24	12.5	0.030	700	1.53	35	1.58	55	Blue
BWL0603ST-1N8□TR7	1.8 @ 250MHz	10,5	16	12.5	0.045	700	1.63	35	1.66	50	Black
BWL0603ST-2N2□TR7	2.2 @ 250MHz	10,5	15	6.00	0.100	700	2.18	41	2.20	64	White
BWL0603ST-2N3□TR7	2.3 @ 250MHz	10,5	16	4.00	0.140	700	2.32	32	2.35	40	Yellow
BWL0603ST-3N3□TR7	3.3 @ 250MHz	10,5,2	22	6.00	0.080	700	3.35	47	3.40	65	Red
BWL0603ST-3N6□TR7	3.6 @ 250MHz	10,5,2	22	5.80	0.063	700	3.53	49	3.58	65	Violet
BWL0603ST-3N9□TR7	3.9 @ 250MHz	10,5,2	22	6.00	0.080	700	3.95	49	3.96	67	Brown
BWL0603ST-4N3□TR7	4.3 @ 250MHz	10,5,2	22	5.80	0.063	700	4.32	49	4.43	67	Orange
BWL0603ST-4N5□TR7	4.5 @ 250MHz	10,5,2	20	5.80	0.120	700	4.74	55	4.87	92	Gray
BWL0603ST-4N7□TR7	4.7 @ 250MHz	10,5,2	25	5.80	0.120	700	4.65	53	4.80	67	Violet
BWL0603ST-5N1□TR7	5.1 @ 250MHz	10,5,2	20	5.80	0.160	700	5.13	47	5.36	56	Green
BWL0603ST-5N6□TR7	5.6 @ 250MHz	10,5,2	20	5.80	0.170	700	5.53	56	5.86	77	Yellow
BWL0603ST-6N2□TR7	6.2 @ 250MHz	10,5,2	25	5.80	0.110	700	6.28	60	6.40	85	Black
BWL0603ST-6N3□TR7	6.3 @ 250MHz	10,5,2	25	5.80	0.110	700	6.67	41	6.86	61	Black
BWL0603ST-6N8□TR7	6.8 @ 250MHz	10,5,2	27	5.80	0.110	700	6.75	60	7.10	81	Red
BWL0603ST-7N5□TR7	7.5 @ 250MHz	10,5,2	28	4.80	0.106	700	7.70	60	7.82	65	Brown
BWL0603ST-8N2□TR7	8.2 @ 250MHz	10,5,2	27	4.80	0.110	700	8.25	64	8.40	81	Green
BWL0603ST-8N7□TR7	8.7 @ 250MHz	10,5,2	28	4.80	0.109	700	8.86	62	9.32	58	Yellow
BWL0603ST-9N1□TR7	9.1 @ 250MHz	10,5,2	35	4.80	0.130	700	9.20	70	9.70	80	Black
BWL0603ST-9N5□TR7	9.5 @ 250MHz	10,5,2	28	5.40	0.135	700	9.70	59	9.92	61	Blue
BWL0603ST-10N□TR7	10 @ 250MHz	10,5,2	31	4.80	0.130	700	10.0	66	10.6	83	Orange

0603ST Specifications (Cont'd)

Part Number	Inductance nH	Tolerance (%)	Q Min.	SRF GHz Min.	DCR Max. (Ω)	Current DC/Max. (mA)	900MHz (Typical)		1.7GHz (Typical)		Color Code
							L	Q	L	Q	
BWL0603ST-11N□TR7	11 @ 250MHz	10,5,2	31	4.00	0.086	700	11.3	53	12.1	56	Gray
BWL0603ST-12N□TR7	12 @ 250MHz	10,5,2	35	4.00	0.130	700	12.3	72	13.5	83	Yellow
BWL0603ST-15N□TR7	15 @ 250MHz	10,5,2	35	4.00	0.170	700	15.4	64	16.8	89	Green
BWL0603ST-16N□TR7	16 @ 250MHz	10,5,2	35	3.30	0.110	700	16.5	55	18.0	52	White
BWL0603ST-17N□TR7	17 @ 250MHz	10,5,2	35	3.20	0.170	700	17.6	56	19.4	44	Red
BWL0603ST-18N□TR7	18 @ 250MHz	10,5,2	35	3.10	0.170	700	18.7	70	21.4	69	Blue
BWL0603ST-20N□TR7	20 @ 250MHz	10,5,2	40	3.00	0.190	700	20.7	80	23.5	30	Green
BWL0603ST-22N□TR7	22 @ 250MHz	10,5,2	38	3.00	0.190	700	22.8	73	26.1	71	Violet
BWL0603ST-23N□TR7	23 @ 250MHz	10,5,2	38	2.85	0.190	700	24.1	71	28.0	71	Orange
BWL0603ST-24N□TR7	24 @ 250MHz	10,5,2	38	2.80	0.130	700	25.7	45	30.9	40	Black
BWL0603ST-27N□TR7	27 @ 250MHz	10,5,2	40	2.80	0.220	600	29.2	74	34.6	65	Gray
BWL0603ST-30N□TR7	30 @ 250MHz	10,5,2	40	2.80	0.150	600	31.4	47	39.8	28	Brown
BWL0603ST-33N□TR7	33 @ 250MHz	10,5,2	40	2.30	0.220	600	36.0	67	49.5	42	White
BWL0603ST-36N□TR7	36 @ 250MHz	10,5,2	37	2.30	0.250	600	39.1	47	48.9	24	Red
BWL0603ST-39N□TR7	39 @ 250MHz	10,5,2	40	2.20	0.250	600	42.7	60	60.2	40	Black
BWL0603ST-43N□TR7	43 @ 200MHz	10,5,2	38	2.00	0.280	600	46.9	44	60.3	21	Orange
BWL0603ST-47N□TR7	47 @ 200MHz	10,5,2	38	2.00	0.280	600	52.2	62	77.2	35	Brown
BWL0603ST-51N□TR7	51 @ 200MHz	10,5,2	38	1.90	0.280	600	55.5	69	82.2	34	Blue
BWL0603ST-56N□TR7	56 @ 200MHz	10,5,2	38	1.90	0.310	600	62.5	56	97.0	26	Red
BWL0603ST-62N□TR7	62 @ 200MHz	10,5,2	37	1.80	0.340	600	68.0	40	110	10	Gray
BWL0603ST-68N□TR7	68 @ 200MHz	10,5,2	37	1.70	0.340	600	80.5	54	168	21	Orange
BWL0603ST-72N□TR7	72 @ 150MHz	10,5,2	34	1.70	0.490	600	82.0	53	135	20	Yellow
BWL0603ST-82N□TR7	82 @ 150MHz	10,5,2	34	1.70	0.540	400	96.2	54	177	21	Green
BWL0603ST-91N□TR7	91 @ 150MHz	10,5,2	30	1.70	0.500	400	110.0	50	416.4	6	Brown
BWL0603ST-R10□TR7	100 @ 150MHz	10,5,2	34	1.40	0.580	400	124.0	49	319.5	13	Blue
BWL0603ST-R11□TR7	110 @ 150MHz	10,5,2	32	1.35	0.610	300	138.0	43	342.7	15	Violet
BWL0603ST-R12□TR7	120 @ 150MHz	10,5,2	32	1.30	0.650	300	166.0	39	529.3	8	Gray
BWL0603ST-R13□TR7	130 @ 150MHz	10,5,2	30	1.40	0.720	300	185.0	60	-	-	White
BWL0603ST-R14□TR7	140 @ 100MHz	10,5,2	28	1.30	0.870	280	190.0	80	-	-	Blue
BWL0603ST-R15□TR7	150 @ 100MHz	10,5,2	28	1.30	0.950	280	230.0	25	-	-	White
BWL0603ST-R16□TR7	160 @ 100MHz	10,5,2	25	1.30	1.400	280	215.0	20	-	-	Yellow
BWL0603ST-R18□TR7	180 @ 100MHz	10,5,2	25	1.25	1.400	250	305.0	22	-	-	Black
BWL0603ST-R22□TR7	220 @ 100MHz	10,5,2	25	1.20	1.600	250	377.0	21	-	-	Brown
BWL0603ST-R26□TR7	260 @ 100MHz	10,5,2	25	1.00	2.000	200	469.0	21	-	-	Violet
BWL0603ST-R27□TR7	270 @ 100MHz	10,5,2	25	0.90	2.100	200	523.0	19	-	-	Red
BWL0603ST-R28□TR7	280 @ 100MHz	10,5,2	25	1.00	2.400	100	524.0	18	-	-	Green
BWL0603ST-R30□TR7	300 @ 100MHz	10,5,2	25	0.75	2.500	150	539.7	21	-	-	Orange
BWL0603ST-R33□TR7	330 @ 100MHz	10,5,2	25	0.90	3.800	100	680.4	20	-	-	Blue
BWL0603ST-R39□TR7	390 @ 100MHz	10,5,2	25	0.90	4.350	100	734.5	29	-	-	Yellow
BWL0603ST-R47□TR7	470 @ 100MHz	10,5,2	23	0.60	3.600	80	-	-	-	-	White

0805ST Specifications

Part Number	Inductance nH	Tolerance (%)	Q Min.	SRF GHz Min.	DCR Max. (Ω)	Current DC/Max. (mA)	Colour Code
BWL0805ST-2N7□TR7	2.7 @ 250MHz	10,5	80 @ 1500MHz	7.900	0.06	800	Brown
BWL0805ST-2N8□TR7	2.8 @ 250MHz	10,5	80 @ 1500MHz	7.900	0.06	800	Gray
BWL0805ST-3N0□TR7	3.0 @ 250MHz	10,5	65 @ 1500MHz	7.900	0.06	800	White
BWL0805ST-3N3□TR7	3.3 @ 250MHz	10,5	50 @ 1500MHz	6.000	0.08	600	Black
BWL0805ST-5N6□TR7	5.6 @ 250MHz	10,5	65 @ 1000MHz	5.500	0.08	600	Orange
BWL0805ST-6N2□TR7	6.2 @ 250MHz	10,5	50 @ 1000MHz	5.500	0.11	600	Green
BWL0805ST-6N8□TR7	6.8 @ 250MHz	10,5	50 @ 1000MHz	5.500	0.11	600	Brown

0805ST Specifications (Cont'd)

Part Number	Inductance nH	Tolerance (%)	Q Min.	SRF GHz Min.	DCR Max. (Ω)	Current DC/Max. (mA)	Colour Code
BWL0805ST-7N5□TR7	7.5 @ 250MHz	10,5	50 @ 1000MHz	4.500	0.14	600	Green
BWL0805ST-8N2□TR7	8.2 @ 250MHz	10,5	50 @ 1000MHz	4.700	0.12	600	Red
BWL0805ST-8N7□TR7	8.7 @ 250MHz	10,5	50 @ 1000MHz	4.000	0.21	400	White
BWL0805ST-10N□TR7	10 @ 250MHz	10,5,2	60 @ 500MHz	4.200	0.10	600	Blue
BWL0805ST-12N□TR7	12 @ 250MHz	10,5,2	50 @ 500MHz	4.000	0.15	600	Orange
BWL0805ST-15N□TR7	15 @ 250MHz	10,5,2	50 @ 500MHz	3.400	0.17	600	Yellow
BWL0805ST-18N□TR7	18 @ 250MHz	10,5,2	50 @ 500MHz	3.300	0.20	600	Green
BWL0805ST-22N□TR7	22 @ 250MHz	10,5,2	55 @ 500MHz	2.600	0.22	500	Blue
BWL0805ST-24N□TR7	24 @ 250MHz	10,5,2	50 @ 500MHz	2.000	0.22	500	Gray
BWL0805ST-27N□TR7	27 @ 250MHz	10,5,2	55 @ 500MHz	2.500	0.25	500	Violet
BWL0805ST-33N□TR7	33 @ 250MHz	10,5,2	60 @ 500MHz	2.050	0.27	500	Gray
BWL0805ST-36N□TR7	36 @ 250MHz	10,5,2	55 @ 500MHz	1.700	0.27	500	Orange
BWL0805ST-39N□TR7	39 @ 250MHz	10,5,2	60 @ 500MHz	2.000	0.29	500	White
BWL0805ST-43N□TR7	43 @ 200MHz	10,5,2	60 @ 500MHz	1.650	0.34	500	Yellow
BWL0805ST-47N□TR7	47 @ 200MHz	10,5,2	60 @ 500MHz	1.650	0.31	500	Black
BWL0805ST-56N□TR7	56 @ 200MHz	10,5,2	60 @ 500MHz	1.550	0.34	500	Brown
BWL0805ST-68N□TR7	68 @ 200MHz	10,5,2	60 @ 500MHz	1.450	0.38	500	Red
BWL0805ST-72N□TR7	72 @ 150MHz	10,5,2	65 @ 500MHz	1.400	0.40	500	Green
BWL0805ST-82N□TR7	82 @ 150MHz	10,5,2	65 @ 500MHz	1.300	0.42	400	Orange
BWL0805ST-91N□TR7	91 @ 150MHz	10,5,2	65 @ 500MHz	1.200	0.48	400	Black
BWL0805ST-R10□TR7	100 @ 150MHz	10,5,2	65 @ 500MHz	1.200	0.46	400	Yellow
BWL0805ST-R11□TR7	110 @ 150MHz	10,5,2	50 @ 250MHz	1.000	0.48	400	Brown
BWL0805ST-R12□TR7	120 @ 150MHz	10,5,2	50 @ 250MHz	1.100	0.51	400	Green
BWL0805ST-R15□TR7	150 @ 100MHz	10,5,2	50 @ 250MHz	0.920	0.56	400	Blue
BWL0805ST-R18□TR7	180 @ 100MHz	10,5,2	50 @ 250MHz	0.870	0.64	400	Violet
BWL0805ST-R20□TR7	200 @ 100MHz	10,5,2	50 @ 250MHz	0.860	0.66	400	Orange
BWL0805ST-R22□TR7	220 @ 100MHz	10,5,2	50 @ 250MHz	0.850	0.70	400	Gray
BWL0805ST-R24□TR7	240 @ 100MHz	10,5,2	44 @ 250MHz	0.690	1.00	350	Red
BWL0805ST-R25□TR7	250 @ 100MHz	10,5,2	50 @ 250MHz	0.680	1.00	350	Green
BWL0805ST-R27□TR7	270 @ 100MHz	10,5,2	48 @ 250MHz	0.650	1.00	350	White
BWL0805ST-R30□TR7	300 @ 100MHz	10,5,2	48 @ 250MHz	0.620	1.20	330	Yellow
BWL0805ST-R33□TR7	330 @ 100MHz	10,5,2	48 @ 250MHz	0.600	1.40	310	Black
BWL0805ST-R36□TR7	360 @ 100MHz	10,5,2	48 @ 250MHz	0.580	1.45	300	Green
BWL0805ST-R39□TR7	390 @ 100MHz	10,5,2	48 @ 250MHz	0.560	1.50	290	Brown
BWL0805ST-R43□TR7	430 @ 50MHz	10,5,2	33 @ 100MHz	0.430	1.70	230	Blue
BWL0805ST-R47□TR7	470 @ 50MHz	10,5,2	33 @ 100MHz	0.375	1.70	250	Red
BWL0805ST-R56□TR7	560 @ 25MHz	10,5,2	23 @ 50MHz	0.340	1.90	230	Orange
BWL0805ST-R60□TR7	600 @ 25MHz	10,5,2	23 @ 50MHz	0.260	1.60	450	White
BWL0805ST-R62□TR7	620 @ 25MHz	10,5,2	23 @ 50MHz	0.220	2.20	210	Yellow
BWL0805ST-R68□TR7	680 @ 25MHz	10,5,2	23 @ 50MHz	0.200	2.20	190	Green
BWL0805ST-R75□TR7	750 @ 25MHz	10,5,2	23 @ 50MHz	0.200	2.30	180	Blue
BWL0805ST-R82□TR7	820 @ 25MHz	10,5,2	23 @ 50MHz	0.200	2.35	180	Violet
BWL0805ST-1R0□TR7	1000 @ 25MHz	10,5,2	20 @ 50MHz	0.100	2.50	170	Gray
BWL0805ST-1R2□TR7	1200 @ 7.9MHz	10,5,2	18 @ 25MHz	0.100	2.50	170	White
BWL0805ST-1R5□TR7	1500 @ 7.9MHz	10,5,2	16 @ 25MHz	0.100	2.50	170	Black
BWL0805ST-1R8□TR7	1800 @ 7.9MHz	10,5,2	16 @ 7.9MHz	0.080	2.50	170	Brown
BWL0805ST-2R2□TR7	2200 @ 7.9MHz	10,5,2	16 @ 7.9MHz	0.060	2.70	160	Red
BWL0805ST-2R7□TR7	2700 @ 7.9MHz	10,5,2	16 @ 7.9MHz	0.050	3.10	150	Orange
BWL0805ST-3R3□TR7	3300 @ 7.9MHz	10,5,2	15 @ 7.9MHz	0.040	4.40	90	Blue
BWL0805ST-4R7□TR7	4700 @ 7.9MHz	10,5,2	15 @ 7.9MHz	0.040	6.40	90	Green

1008ST Specifications

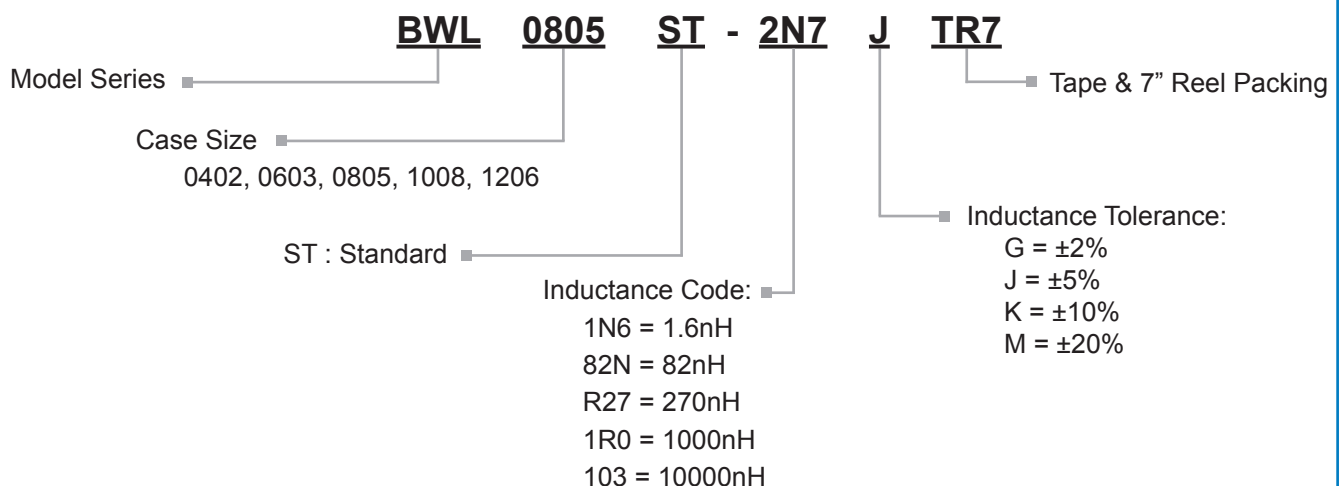
Part Number	Inductance nH	Tolerance (%)	Q Min.	SRF GHz Min.	DCR Max. (Ω)	Current DC/Max. (mA)	Colour Code
*BWL1008ST-5N6□TR7	5.6 @ 50MHz	10,5	50 @ 1500MHz	4.000	0.15	1000	Black
*BWL1008ST-10N□TR7	10 @ 50MHz	10,5,2	50 @ 500MHz	4.100	0.08	1000	Brown
*BWL1008ST-12N□TR7	12 @ 50MHz	10,5,2	50 @ 500MHz	3.300	0.09	1000	Red
*BWL1008ST-15N□TR7	15 @ 50MHz	10,5,2	50 @ 500MHz	2.500	0.11	1000	Orange
*BWL1008ST-18N□TR7	18 @ 50MHz	10,5,2	50 @ 350MHz	2.400	0.12	1000	Yellow
*BWL1008ST-22N□TR7	22 @ 50MHz	10,5,2	55 @ 350MHz	2.400	0.12	1000	Green
*BWL1008ST-24N□TR7	24 @ 50MHz	10,5,2	55 @ 350MHz	1.900	0.13	1000	Blue
*BWL1008ST-27N□TR7	27 @ 50MHz	10,5,2	55 @ 350MHz	1.600	0.13	1000	Violet
*BWL1008ST-33N□TR7	33 @ 50MHz	10,5,2	60 @ 350MHz	1.600	0.14	1000	Gray
*BWL1008ST-36N□TR7	36 @ 50MHz	10,5,2	60 @ 350MHz	1.600	0.15	1000	Orange
*BWL1008ST-39N□TR7	39 @ 50MHz	10,5,2	60 @ 350MHz	1.500	0.15	1000	White
*BWL1008ST-47N□TR7	47 @ 50MHz	10,5,2	65 @ 350MHz	1.500	0.16	1000	Black
*BWL1008ST-56N□TR7	56 @ 50MHz	10,5,2	65 @ 350MHz	1.300	0.18	1000	Brown
*BWL1008ST-62N□TR7	62 @ 50MHz	10,5,2	65 @ 350MHz	1.250	0.20	1000	Blue
*BWL1008ST-68N□TR7	68 @ 50MHz	10,5,2	65 @ 350MHz	1.300	0.20	1000	Red
*BWL1008ST-75N□TR7	75 @ 50MHz	10,5,2	60 @ 350MHz	1.100	0.21	1000	White
*BWL1008ST-82N□TR7	82 @ 50MHz	10,5,2	60 @ 350MHz	1.000	0.22	1000	Orange
*BWL1008ST-91N□TR7	91 @ 50MHz	10,5,2	50 @ 350MHz	1.000	0.45	1000	White
*BWL1008ST-R10□TR7	100 @ 25MHz	10,5,2	60 @ 350MHz	1.000	0.56	650	Yellow
*BWL1008ST-R12□TR7	120 @ 25MHz	10,5,2	60 @ 350MHz	0.950	0.63	650	Green
*BWL1008ST-R15□TR7	150 @ 25MHz	10,5,2	45 @ 100MHz	0.850	0.70	800	Blue
*BWL1008ST-R18□TR7	180 @ 25MHz	10,5,2	45 @ 100MHz	0.750	0.77	620	Violet
*BWL1008ST-R22□TR7	220 @ 25MHz	10,5,2	45 @ 100MHz	0.700	0.84	500	Gray
*BWL1008ST-R24□TR7	240 @ 25MHz	10,5,2	45 @ 100MHz	0.650	0.88	500	White
*BWL1008ST-R27□TR7	270 @ 25MHz	10,5,2	45 @ 100MHz	0.600	0.91	690	Black
*BWL1008ST-R30□TR7	300 @ 25MHz	10,5,2	45 @ 100MHz	0.585	1.00	450	Brown
*BWL1008ST-R33□TR7	330 @ 25MHz	10,5,2	45 @ 100MHz	0.570	1.05	450	Red
*BWL1008ST-R36□TR7	360 @ 25MHz	10,5,2	45 @ 100MHz	0.530	1.10	470	Orange
*BWL1008ST-R39□TR7	390 @ 25MHz	10,5,2	45 @ 100MHz	0.500	1.12	630	Yellow
*BWL1008ST-R43□TR7	430 @ 25MHz	10,5,2	45 @ 100MHz	0.480	1.15	470	Green
*BWL1008ST-R47□TR7	470 @ 25MHz	10,5,2	45 @ 100MHz	0.450	1.19	470	Blue
*BWL1008ST-R56□TR7	560 @ 25MHz	10,5,2	45 @ 100MHz	0.415	1.33	580	Violet
*BWL1008ST-R62□TR7	620 @ 25MHz	10,5,2	45 @ 100MHz	0.375	1.40	300	Gray
*BWL1008ST-R68□TR7	680 @ 25MHz	10,5,2	45 @ 100MHz	0.375	1.47	540	White
*BWL1008ST-R75□TR7	750 @ 25MHz	10,5,2	45 @ 100MHz	0.360	1.54	360	Black
*BWL1008ST-R82□TR7	820 @ 25MHz	10,5,2	45 @ 100MHz	0.350	1.61	400	Brown
*BWL1008ST-R91□TR7	910 @ 25MHz	10,5,2	35 @ 50MHz	0.320	1.68	380	Red
*BWL1008ST-1R0□TR7	1000 @ 25MHz	10,5,2	35 @ 50MHz	0.290	1.75	370	Orange
*BWL1008ST-1R2□TR7	1200 @ 7.9MHz	10,5,2	35 @ 50MHz	0.250	2.00	310	Yellow
*BWL1008ST-1R5□TR7	1500 @ 7.9MHz	10,5,2	28 @ 50MHz	0.200	2.30	330	Green
*BWL1008ST-1R8□TR7	1800 @ 7.9MHz	10,5,2	28 @ 50MHz	0.160	2.60	300	Blue
*BWL1008ST-2R2□TR7	2200 @ 7.9MHz	10,5,2	28 @ 50MHz	0.160	2.80	280	Violet
*BWL1008ST-2R7□TR7	2700 @ 7.9MHz	10,5,2	22 @ 25MHz	0.140	3.20	290	Gray
*BWL1008ST-3R3□TR7	3300 @ 7.9MHz	10,5,2	22 @ 25MHz	0.110	3.40	290	White
*BWL1008ST-3R9□TR7	3900 @ 7.9MHz	10,5,2	18 @ 25MHz	0.100	3.60	260	Black
*BWL1008ST-4R7□TR7	4700 @ 7.9MHz	10,5,2	18 @ 25MHz	0.090	4.00	260	Brown
BWL1008ST-5R6□TR7	5600 @ 7.9MHz	10,5,2	16 @ 7.96MHz	0.020	4.00	240	Red
BWL1008ST-6R8□TR7	6800 @ 7.9MHz	10,5,2	15 @ 7.96MHz	0.040	4.90	200	Orange
BWL1008ST-8R2□TR7	8200 @ 7.9MHz	10,5,2	15 @ 7.96MHz	0.025	6.00	170	Yellow
BWL1008ST-103□TR7	10000 @ 2.52MHz	10,5,2	15 @ 7.96MHz	0.020	9.00	150	Green
BWL1008ST-123□TR7	12000 @ 2.52MHz	10,5,2	15 @ 7.96MHz	0.018	10.5	130	Blue
BWL1008ST-153□TR7	15000 @ 2.52MHz	10,5,2	15 @ 7.96MHz	0.015	11.5	120	Violet

* Test Methods / Instrument : Network / Spectrum Analyser

1206ST Specifications

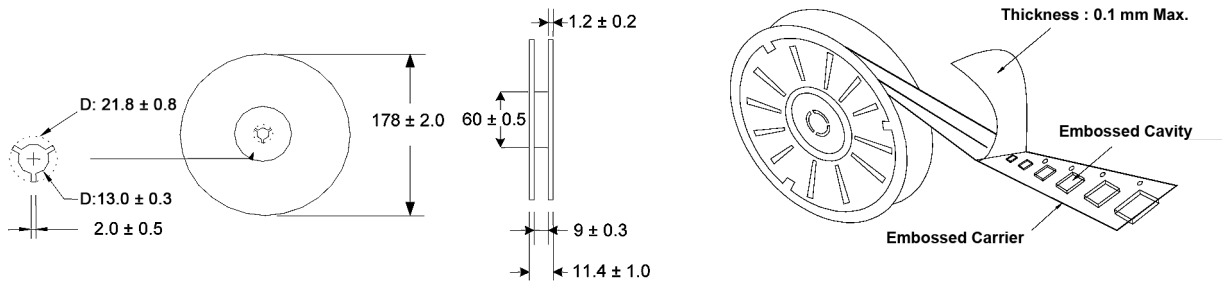
Part Number	Inductance nH	Tolerance (%)	Q Min.	SRF GHz Min.	DCR Max. (Ω)	Current DC/Max. (mA)	Colour Code
BWL1206ST-6N8□TR7	6.8 @ 100MHz	10,5	30 @ 300MHz	5.50	0.07	1000	Brown
BWL1206ST-10N□TR7	10 @ 100MHz	10,5	40 @ 300MHz	4.00	0.08	1000	Red
BWL1206ST-12N□TR7	12 @ 100MHz	10,5	40 @ 300MHz	3.20	0.08	1000	Orange
BWL1206ST-15N□TR7	15 @ 100MHz	10,5	40 @ 300MHz	3.20	0.10	1000	Yellow
BWL1206ST-18N□TR7	18 @ 100MHz	10,5	50 @ 300MHz	2.80	0.10	1000	Green
BWL1206ST-22N□TR7	22 @ 100MHz	10,5	50 @ 300MHz	2.20	0.10	1000	Blue
BWL1206ST-24N□TR7	24 @ 100MHz	10,5	50 @ 300MHz	2.00	0.10	1000	Red
BWL1206ST-27N□TR7	27 @ 100MHz	10,5,2	50 @ 300MHz	1.80	0.11	1000	Violet
BWL1206ST-33N□TR7	33 @ 100MHz	10,5,2	55 @ 300MHz	1.80	0.11	1000	Gray
BWL1206ST-39N□TR7	39 @ 100MHz	10,5,2	55 @ 300MHz	1.80	0.12	1000	White
BWL1206ST-47N□TR7	47 @ 100MHz	10,5,2	55 @ 300MHz	1.50	0.13	1000	Black
BWL1206ST-56N□TR7	56 @ 100MHz	10,5,2	55 @ 300MHz	1.45	0.14	1000	Brown
BWL1206ST-62N□TR7	62 @ 100MHz	10,5,2	55 @ 300MHz	1.20	0.20	1000	Violet
BWL1206ST-68N□TR7	68 @ 100MHz	10,5,2	55 @ 300MHz	1.20	0.26	950	Red
BWL1206ST-82N□TR7	82 @ 100MHz	10,5,2	55 @ 300MHz	1.20	0.21	920	Orange
BWL1206ST-91N□TR7	91 @ 100MHz	10,5,2	55 @ 300MHz	1.10	0.24	900	White
BWL1206ST-R10□TR7	100 @ 100MHz	10,5,2	55 @ 300MHz	1.10	0.26	850	Yellow
BWL1206ST-R12□TR7	120 @ 100MHz	10,5,2	55 @ 300MHz	0.75	0.26	800	Green
BWL1206ST-R15□TR7	150 @ 100MHz	10,5,2	60 @ 300MHz	0.95	0.31	750	Blue
BWL1206ST-R18□TR7	180 @ 50MHz	10,5,2	55 @ 300MHz	0.90	0.43	700	Violet
BWL1206ST-R22□TR7	220 @ 50MHz	10,5,2	55 @ 300MHz	0.76	0.50	670	Gray
BWL1206ST-R27□TR7	270 @ 50MHz	10,5,2	55 @ 300MHz	0.74	0.56	630	White
BWL1206ST-R30□TR7	300 @ 50MHz	10,5,2	50 @ 150MHz	0.68	0.60	600	Green
BWL1206ST-R33□TR7	330 @ 50MHz	10,5,2	45 @ 150MHz	0.65	0.62	590	Black
BWL1206ST-R36□TR7	360 @ 50MHz	10,5,2	45 @ 150MHz	0.60	0.65	550	Blue
BWL1206ST-R39□TR7	390 @ 50MHz	10,5,2	45 @ 150MHz	0.60	0.75	530	Brown
BWL1206ST-R47□TR7	470 @ 50MHz	10,5,2	45 @ 150MHz	0.55	1.30	490	Red
BWL1206ST-R56□TR7	560 @ 35MHz	10,5,2	45 @ 150MHz	0.47	1.34	460	Orange
BWL1206ST-R62□TR7	620 @ 35MHz	10,5,2	45 @ 150MHz	0.47	1.58	460	Gray
BWL1206ST-R68□TR7	680 @ 35MHz	10,5,2	45 @ 150MHz	0.45	1.58	430	Yellow
BWL1206ST-R75□TR7	750 @ 35MHz	10,5,2	45 @ 150MHz	0.44	2.25	320	White
BWL1206ST-R82□TR7	820 @ 35MHz	10,5,2	45 @ 150MHz	0.42	1.82	400	Green
BWL1206ST-R91□TR7	910 @ 35MHz	10,5,2	45 @ 150MHz	0.41	2.95	310	Green
BWL1206ST-1R0□TR7	1000 @ 35MHz	10,5,2	45 @ 150MHz	0.40	2.80	320	Blue
BWL1206ST-1R2□TR7	1200 @35MHz	10,5,2	45 @ 150MHz	0.38	3.20	300	Violet

Ordering Information

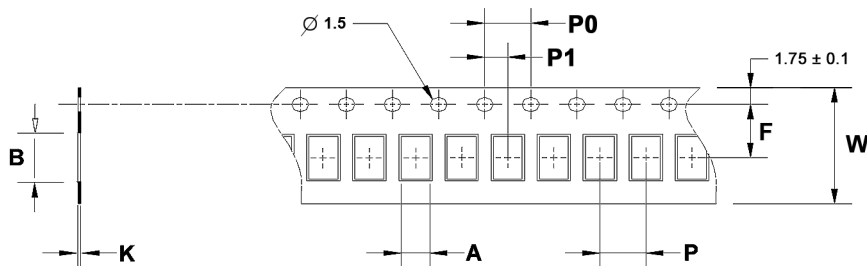


Packaging

A) Reel Dimensions (mm)

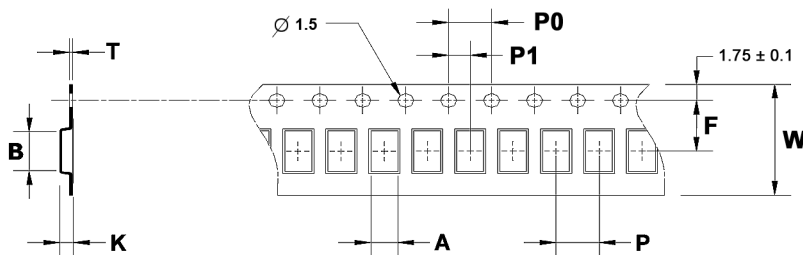


B) Paper Tape Specification and Packaging Quantity



Series	Dimensions (mm)								7" Reel Qty (Units)
	A	B	K	F	P	P0	P1	W	
0402ST	0.72	1.19	0.60	3.50	4.00	4.00	2.00	8.00	4000

C) Embossed Plastic Tape Specification and Packaging Quantity



Series	Dimensions (mm)									7" Reel Qty (Units)
	A	B	K	T	F	P	P0	P1	W	
0603ST	1.15	1.78	0.95	0.22	3.5	4	4	2	8	4000
0805ST	1.85	2.30	1.45	0.23	3.5	4	4	2	8	2000
1008ST	2.70	2.80	2.00	0.23	3.5	4	4	2	8	2000
1206ST	1.95	3.50	1.50	0.23	3.5	4	4	2	8	2000