Features:

- Wirewound on ceramic base provides excellent SRF
- Robust termination for outstanding mechanical strength
- Exceptional Q values for small package sizes
- Tight tolerances of ±2% available
- 100% RoHS compliant and lead free without exemption
- Halogen free
- REACH compliant
- Contact Stackpole for additional inductance values

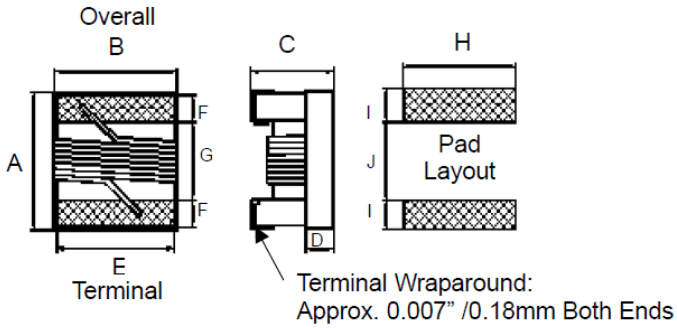
Applications:

- Mobile phones
- Wearable devices
- Wireless LANs
- Cable/Satellite receivers
- Security systems
- Smart meters
- Connected appliances
- Various IoT devices

Inductance and Current Ranges

Type/Code	Inductance (nH)	Current Range (mA)
LWW0402	1 ~ 120	1360 ~ 50
LWW0603	1.6 ~ 470	2400 ~ 80
LWW0805	2.5 ~ 4700	1600 ~ 90
LWW1008	3 ~ 15000	1600 ~ 120

Mechanical Specifications



Type/Code Standard	Weight (g) (1000 pc)	A Max	B Max	C Max	D Ref	E	F	G	H	I	J	Unit
LWW0402	0.8	0.050 1.27	0.030 0.76	0.024 0.61	0.006 0.15	0.020 0.51	0.009 0.23	0.022 0.56	0.026 0.66	0.020 0.50	0.018 0.46	inches mm
LWW0603	3.46	0.071 1.80	0.044 1.12	0.040 1.02	0.015 0.38	0.030 0.76	0.013 0.33	0.034 0.86	0.040 1.02	0.025 0.64	0.025 0.64	inches mm
LWW0805	12.13	0.090 2.29	0.068 1.73	0.063 1.60	0.020 0.51	0.050 1.27	0.017 0.44	0.040 1.02	0.070 1.78	0.040 1.02	0.030 0.76	inches mm
LWW1008	30.73	0.115 2.92	0.110 2.79	0.084 2.13	0.026 0.65	0.080 2.03	0.020 0.51	0.060 1.52	0.100 2.54	0.040 1.02	0.050 1.27	inches mm

Mechanical Specifications (cont.)

Type/Code High Current	A max.	B max.	C max.	D ref.	E	F	G	H	I	J	Unit
LWW0402…-HC	0.050 1.27	0.030 0.76	0.024 0.61	0.006 0.15	0.020 0.51	0.009 0.23	0.022 0.56	0.026 0.66	0.020 0.50	0.018 0.46	inches mm
LWW0603…-HC	0.071 1.80	0.044 1.12	0.040 1.02	0.015 0.38	0.030 0.76	0.013 0.33	0.034 0.86	0.040 1.02	0.025 0.64	0.025 0.64	inches mm
LWW0805…-HC	0.090 2.29	0.068 1.73	0.063 1.60	0.020 0.51	0.050 1.27	0.017 0.44	0.040 1.02	0.070 1.78	0.040 1.02	0.030 0.76	inches mm
LWW1008…-HC	0.115 2.92	0.110 2.79	0.080 2.03	0.026 0.65	0.080 2.03	0.020 0.51	0.060 1.52	0.100 2.54	0.040 1.02	0.050 1.27	inches mm

Electrical Specifications – LWW0402 Standard

Part Number	Tolerance	L Freq. (MHz)	Q Factor min.	SRF (GHz) min.	DCR (Ω) max.	I DC (mA) max.	900MHz		1.7GHz	
							L	Q	L	Q
LWW0402KT1N0	±10%	250	16	12.7	0.045	1360	1.02	77	1.02	69
LWW0402KT1N9	±10%	250	16	11.3	0.07	1040	1.72	68	1.74	82
LWW0402KT2N0	±10%	250	16	11.1	0.07	1040	1.93	54	1.93	75
LWW0402KT2N2	±10%	250	19	10.8	0.07	960	2.19	59	2.23	100
LWW0402KT2N4	±10%	250	15	10.5	0.07	790	2.24	51	2.27	68
LWW0402KT2N7	±10%	250	16	10.4	0.12	640	2.23	42	2.25	61
LWW0402KT3N3	±10%	250	19	7	0.066	840	3.1	65	3.12	87
LWW0402KT3N6	±5%, ±10%	250	19	6.8	0.066	840	3.56	45	3.62	71
LWW0402 _ T3N9	±5%, ±10%	250	19	5.8	0.066	840	3.89	50	4	75
LWW0402 _ T4N3	±5%, ±10%	250	18	6	0.091	700	4.19	47	4.3	71
LWW0402 _ T4N7	±5%, ±10%	250	18	4.7	0.13	640	4.55	48	4.68	68
LWW0402 _ T5N1	±5%, ±10%	250	20	4.8	0.083	800	5.15	56	5.25	82
LWW0402 _ T5N6	±5%, ±10%	250	20	4.8	0.083	760	5.16	54	5.28	81
LWW0402 _ T6N2	±5%, ±10%	250	20	4.8	0.083	760	6.16	52	6.37	76
LWW0402 _ T6N8	±5%, ±10%	250	20	4.8	0.083	680	6.56	63	6.93	78
LWW0402 _ T7N5	±5%, ±10%	250	22	4.8	0.104	680	7.91	60	8.22	88
LWW0402 _ T8N2	±5%, ±10%	250	22	4.4	0.104	680	8.5	57	8.85	84
LWW0402 _ T8N7	±5%, ±10%	250	18	4.1	0.2	480	8.78	54	9.21	73
LWW0402 _ T9N0	±5%, ±10%	250	22	4.16	0.104	680	9.07	62	9.53	78
LWW0402 _ T9N5	±5%, ±10%	250	18	4	0.2	480	9.42	54	9.98	69
LWW0402 _ T10N	±2%, ±5%, ±10%	250	21	3.9	0.195	480	9.8	50	10.1	67
LWW0402 _ T11N	±2%, ±5%, ±10%	250	24	3.68	0.12	640	10.7	52	11.2	78
LWW0402 _ T12N	±2%, ±5%, ±10%	250	24	3.6	0.12	640	11.9	53	12.7	71
LWW0402 _ T13N	±2%, ±5%, ±10%	250	24	3.45	0.21	440	13.4	51	14.6	57
LWW0402 _ T15N	±2%, ±5%, ±10%	250	24	3.28	0.172	560	14.6	55	15.5	77
LWW0402 _ T16N	±2%, ±5%, ±10%	250	24	3.1	0.22	560	16.6	46	18.8	47
LWW0402 _ T18N	±2%, ±5%, ±10%	250	25	3.1	0.23	420	18.3	57	20.3	62
LWW0402 _ T19N	±2%, ±5%, ±10%	250	24	3.04	0.202	480	19.1	50	21.1	67
LWW0402 _ T20N	±2%, ±5%, ±10%	250	25	3	0.25	420	20.7	52	23.7	53
LWW0402 _ T22N	±2%, ±5%, ±10%	250	25	2.8	0.3	400	23.2	53	26.8	53
LWW0402 _ T23N	±2%, ±5%, ±10%	250	24	2.72	0.3	400	23.8	49	26.9	64
LWW0402 _ T24N	±2%, ±5%, ±10%	250	25	2.7	0.3	400	25.1	51	29.5	50
LWW0402 _ T27N	±2%, ±5%, ±10%	250	24	2.48	0.3	400	28.7	49	33.5	63
LWW0402 _ T30N	±2%, ±5%, ±10%	250	25	2.35	0.35	400	31.1	46	38.5	39
LWW0402 _ T33N	±2%, ±5%, ±10%	250	24	2.35	0.35	400	34.9	31	41.7	32
LWW0402 _ T36N	±2%, ±5%, ±10%	250	24	2.32	0.44	320	39.5	44	48.4	53
LWW0402 _ T39N	±2%, ±5%, ±10%	250	25	2.1	0.55	200	41.7	47	50.2	45
LWW0402 _ T40N	±2%, ±5%, ±10%	250	24	2.24	0.5	320	39	44	47.4	33
LWW0402 _ T43N	±2%, ±5%, ±10%	250	25	2.03	0.81	100	45.8	46	61.6	34
LWW0402 _ T47N	±2%, ±5%, ±10%	250	25	2.1	0.83	150	50	38	55.8	37

Electrical Specifications – LWW0402 Standard (cont.)

Part Number	Tolerance	L Freq. (MHz)	Q Factor min.	SRF (GHz) min.	DCR (Ω) max.	I DC (mA) max.	900MHz		1.7GHz	
							L	Q	L	Q
LWW0402 _ T51N	±2%, ±5%, ±10%	250	25	1.75	0.82	100	50.4	47	59.4	37
LWW0402 _ T56N	±2%, ±5%, ±10%	250	25	1.76	0.97	100	57.4	49	72.4	40
LWW0402 _ T68N	±2%, ±5%, ±10%	250	22	1.62	1.12	100	69.6	45	83.4	38
LWW0402 _ T82N	±2%, ±5%, ±10%	250	22	1.26	1.55	50	-	-	-	-
LWW0402 _ TR10	±2%, ±5%, ±10%	250	22	1.16	2	30	-	-	-	-
LWW0402 _ TR12	±2%, ±5%, ±10%	250	20	>1.80	2.66	50	-	-	-	-

Electrical Specifications – LWW0603 Standard

Part Number	Tolerance	L Freq. (MHz)	Q Factor min.	SRF (GHz) min.	DCR (Ω) max.	I DC (mA) max.	900 MHz		1.7GHz	
							L	Q	L	Q
LWW0603 _ T1N6	±5%, ±10%	250	24	12.5	0.03	700	1.53	35	1.58	55
LWW0603 _ T1N8	±5%, ±10%	250	16	12.5	0.045	700	1.63	35	1.66	50
LWW0603 _ T2N2	±5%, ±10%	250	15	6	0.1	700	2.18	41	2.2	64
LWW0603 _ T2N3	±5%, ±10%	250	16	>4.00	0.14	700	2.32	32	2.35	40
LWW0603 _ T3N3	±2%, ±5%, ±10%	250	22	>6.00	0.08	700	3.35	47	3.4	65
LWW0603 _ T3N6	±2%, ±5%, ±10%	250	22	5.8	0.063	700	3.53	49	3.58	65
LWW0603 _ T3N9	±2%, ±5%, ±10%	250	22	>6.00	0.08	700	3.95	49	3.96	67
LWW0603 _ T4N3	±2%, ±5%, ±10%	250	22	5.8	0.063	700	4.32	49	4.43	67
LWW0603 _ T4N5	±2%, ±5%, ±10%	250	20	5.8	0.12	700	4.74	55	4.87	92
LWW0603 _ T4N7	±2%, ±5%, ±10%	250	25	5.8	0.12	700	4.65	53	4.8	67
LWW0603 _ T5N1	±2%, ±5%, ±10%	250	20	5.8	0.16	700	5.13	47	5.36	56
LWW0603 _ T5N6	±2%, ±5%, ±10%	250	20	5.8	0.17	700	5.53	56	5.86	77
LWW0603 _ T6N2	±2%, ±5%, ±10%	250	25	5.8	0.11	700	6.28	60	6.4	85
LWW0603 _ T6N3	±2%, ±5%, ±10%	250	25	5.8	0.11	700	6.67	41	6.86	61
LWW0603 _ T6N8	±2%, ±5%, ±10%	250	27	5.8	0.11	700	6.75	60	7.1	81
LWW0603 _ T7N5	±2%, ±5%, ±10%	250	28	4.8	0.106	700	7.7	60	7.82	65
LWW0603 _ T8N2	±2%, ±5%, ±10%	250	27	4.8	0.11	700	8.25	64	8.4	81
LWW0603 _ T8N7	±2%, ±5%, ±10%	250	28	4.8	0.109	700	8.86	62	9.32	58
LWW0603 _ T9N1	±2%, ±5%, ±10%	250	35	4.8	0.13	700	9.2	70	9.7	80
LWW0603 _ T9N5	±2%, ±5%, ±10%	250	28	5.4	0.135	700	9.7	59	9.92	61
LWW0603 _ T10N	±2%, ±5%, ±10%	250	31	4.8	0.13	700	10	66	10.6	83
LWW0603 _ T11N	±2%, ±5%, ±10%	250	31	4	0.086	700	11.3	53	12.1	56
LWW0603 _ T12N	±2%, ±5%, ±10%	250	35	4	0.13	700	12.3	72	13.5	83
LWW0603 _ T15N	±2%, ±5%, ±10%	250	35	4	0.17	700	15.4	64	16.8	89
LWW0603 _ T16N	±2%, ±5%, ±10%	250	35	3.3	0.11	700	16.5	55	18	52
LWW0603 _ T17N	±2%, ±5%, ±10%	250	35	3.2	0.17	700	17.6	56	19.4	44
LWW0603 _ T18N	±2%, ±5%, ±10%	250	35	3.1	0.17	700	18.7	70	21.4	69
LWW0603 _ T20N	±2%, ±5%, ±10%	250	40	3	0.19	700	20.7	80	23.5	30
LWW0603 _ T22N	±2%, ±5%, ±10%	250	38	3	0.19	700	22.8	73	26.1	71
LWW0603 _ T23N	±2%, ±5%, ±10%	250	38	2.85	0.19	700	24.1	71	28	71
LWW0603 _ T24N	±2%, ±5%, ±10%	250	38	2.8	0.13	700	25.7	45	30.9	40
LWW0603 _ T27N	±2%, ±5%, ±10%	250	40	2.8	0.22	600	29.2	74	34.6	65
LWW0603 _ T30N	±2%, ±5%, ±10%	250	40	2.8	0.15	600	31.4	47	39.8	28
LWW0603 _ T33N	±2%, ±5%, ±10%	250	40	2.3	0.22	600	36	67	49.5	42
LWW0603 _ T36N	±2%, ±5%, ±10%	250	37	2.3	0.25	600	39.1	47	48.9	24
LWW0603 _ T39N	±2%, ±5%, ±10%	250	40	2.2	0.25	600	42.7	60	60.2	40
LWW0603 _ T43N	±2%, ±5%, ±10%	200	38	2	0.28	600	46.9	44	60.3	21
LWW0603 _ T47N	±2%, ±5%, ±10%	200	38	2	0.28	600	52.2	62	77.2	35
LWW0603 _ T51N	±2%, ±5%, ±10%	200	38	1.9	0.28	600	55.5	69	82.2	34
LWW0603 _ T56N	±2%, ±5%, ±10%	200	38	1.9	0.31	600	62.5	56	97	26
LWW0603 _ T62N	±2%, ±5%, ±10%	200	37	1.8	0.34	600	68	40	110	10
LWW0603 _ T68N	±2%, ±5%, ±10%	200	37	1.7	0.34	600	80.5	54	168	21

Electrical Specifications – LWW0603 Standard (cont.)										
Part Number	Tolerance	L Freq. (MHz)	Q Factor min.	SRF (GHz) min.	DCR (Ω) max.	I DC (mA) max.	900 MHz		1.7GHz	
							L	Q	L	Q
LWW0603 _ T72N	±2%, ±5%, ±10%	150	34	1.7	0.49	600	82	53	135	20
LWW0603 _ T82N	±2%, ±5%, ±10%	150	34	1.7	0.54	400	96.2	54	177	21
LWW0603 _ T91N	±2%, ±5%, ±10%	150	30	1.7	0.5	400	110	50	416.4	6
LWW0603 _ TR10	±2%, ±5%, ±10%	150	34	1.4	0.58	400	124	49	319.5	13
LWW0603 _ TR11	±2%, ±5%, ±10%	150	32	1.35	0.61	300	138	43	342.7	15
LWW0603 _ TR12	±2%, ±5%, ±10%	150	32	1.3	0.65	300	166	39	529.3	8
LWW0603 _ TR13	±2%, ±5%, ±10%	150	30	1.4	0.72	300	185	60	-	-
LWW0603 _ TR14	±2%, ±5%, ±10%	100	28	1.3	0.87	280	190	80	-	-
LWW0603 _ TR15	±2%, ±5%, ±10%	100	28	1.3	0.95	280	230	25	-	-
LWW0603 _ TR16	±2%, ±5%, ±10%	100	25	1.3	1.4	280	215	20	-	-
LWW0603 _ TR18	±2%, ±5%, ±10%	100	25	1.25	1.4	250	305	22	-	-
LWW0603 _ TR22	±2%, ±5%, ±10%	100	25	1.2	1.6	250	377	21	-	-
LWW0603 _ TR26	±2%, ±5%, ±10%	100	25	1	2	200	469	21	-	-
LWW0603 _ TR27	±2%, ±5%, ±10%	100	25	0.9	2.1	200	523	19	-	-
LWW0603 _ TR28	±2%, ±5%, ±10%	100	25	1	2.4	100	524	18	-	-
LWW0603 _ TR30	±2%, ±5%, ±10%	100	25	0.75	2.5	150	539.7	21	-	-
LWW0603 _ TR33	±2%, ±5%, ±10%	100	25	0.9	3.8	100	680.4	20	-	-
LWW0603 _ TR39	±2%, ±5%, ±10%	100	25	0.9	4.35	100	734.5	29	-	-
LWW0603 _ TR47	±2%, ±5%, ±10%	100	23	0.6	3.6	80	-	-	-	-

Electrical Specifications – LWW0805 Standard						
Part Number	Tolerance	L Freq. (MHz)	Quality Factor (MHz) min.	SRF (GHz) min.	DCR (Ω) max.	I DC (mA) max.
LWW0805 _ T2N7	±5%, ±10%	250	80 at 1500	7.9	0.06	800
LWW0805 _ T2N8	±5%, ±10%	250	80 at 1500	7.9	0.06	800
LWW0805 _ T3N0	±5%, ±10%	250	65 at 1500	7.9	0.06	800
LWW0805 _ T3N3	±5%, ±10%	250	50 at 1500	6	0.08	600
LWW0805 _ T3N9	±5%, ±10%	250	50 at 1500	5.5	0.08	600
LWW0805 _ T4N7	±5%, ±10%	250	65 at 1000	5.5	0.08	600
LWW0805 _ T5N6	±5%, ±10%	250	65 at 1000	5.5	0.08	600
LWW0805 _ T6N2	±5%, ±10%	250	50 at 1000	5.5	0.11	600
LWW0805 _ T6N8	±5%, ±10%	250	50 at 1000	5.5	0.11	600
LWW0805 _ T7N5	±5%, ±10%	250	50 at 1000	4.5	0.14	600
LWW0805 _ T8N2	±5%, ±10%	250	50 at 1000	4.7	0.12	600
LWW0805 _ T8N7	±5%, ±10%	250	50 at 1000	4	0.21	400
LWW0805 _ T10N	±2%, ±5%, ±10%	250	60 at 500	4.2	0.1	600
LWW0805 _ T12N	±2%, ±5%, ±10%	250	50 at 500	4	0.15	600
LWW0805 _ T15N	±2%, ±5%, ±10%	250	50 at 500	3.4	0.17	600
LWW0805 _ T18N	±2%, ±5%, ±10%	250	50 at 500	3.3	0.2	600
LWW0805 _ T20N	±2%, ±5%, ±10%	250	55 at 500	2.6	0.22	500
LWW0805 _ T22N	±2%, ±5%, ±10%	250	55 at 500	2.6	0.22	500
LWW0805 _ T24N	±2%, ±5%, ±10%	250	50 at 500	2	0.22	500
LWW0805 _ T27N	±2%, ±5%, ±10%	250	55 at 500	2.5	0.25	500
LWW0805 _ T30N	±2%, ±5%, ±10%	250	60 at 500	2.05	0.25	500
LWW0805 _ T33N	±2%, ±5%, ±10%	250	60 at 500	2.05	0.27	500
LWW0805 _ T36N	±2%, ±5%, ±10%	250	55 at 500	1.7	0.27	500
LWW0805 _ T39N	±2%, ±5%, ±10%	250	60 at 500	2	0.29	500
LWW0805 _ T43N	±2%, ±5%, ±10%	200	60 at 500	1.65	0.34	500
LWW0805 _ T47N	±2%, ±5%, ±10%	200	60 at 500	1.65	0.31	500
LWW0805 _ T56N	±2%, ±5%, ±10%	200	60 at 500	1.55	0.34	500
LWW0805 _ T68N	±2%, ±5%, ±10%	200	60 at 500	1.45	0.38	500

Electrical Specifications – LWW0805 Standard (cont.)						
Part Number	Tolerance	L Freq. (MHz)	Quality Factor (MHz) min.	SRF (GHz) min.	DCR (Ω) max.	I DC (mA) max.
LWW0805 _ T72N	±2%, ±5%, ±10%	150	65 at 500	1.4	0.4	500
LWW0805 _ T82N	±2%, ±5%, ±10%	150	65 at 500	1.3	0.42	400
LWW0805 _ T91N	±2%, ±5%, ±10%	150	65 at 500	1.2	0.48	400
LWW0805 _ TR10	±2%, ±5%, ±10%	150	65 at 500	1.2	0.46	400
LWW0805 _ TR11	±2%, ±5%, ±10%	150	50 at 250	1	0.48	400
LWW0805 _ TR12	±2%, ±5%, ±10%	150	50 at 250	1.1	0.51	400
LWW0805 _ TR15	±2%, ±5%, ±10%	100	50 at 250	0.92	0.56	400
LWW0805 _ TR16	±2%, ±5%, ±10%	100	50 at 250	0.87	0.6	400
LWW0805 _ TR18	±2%, ±5%, ±10%	100	50 at 250	0.87	0.64	400
LWW0805 _ TR20	±2%, ±5%, ±10%	100	50 at 250	0.86	0.66	400
LWW0805 _ TR22	±2%, ±5%, ±10%	100	50 at 250	0.85	0.7	400
LWW0805 _ TR24	±2%, ±5%, ±10%	100	44 at 250	0.69	1	350
LWW0805 _ TR25	±2%, ±5%, ±10%	100	50 at 250	0.68	1	350
LWW0805 _ TR27	±2%, ±5%, ±10%	100	48 at 250	0.65	1	350
LWW0805 _ TR30	±2%, ±5%, ±10%	100	48 at 250	0.62	1.2	330
LWW0805 _ TR33	±2%, ±5%, ±10%	100	48 at 250	0.6	1.4	310
LWW0805 _ TR36	±2%, ±5%, ±10%	100	48 at 250	0.58	1.45	300
LWW0805 _ TR39	±2%, ±5%, ±10%	100	48 at 250	0.56	1.5	290
LWW0805 _ TR43	±2%, ±5%, ±10%	50	33 at 100	0.43	1.7	230
LWW0805 _ TR47	±2%, ±5%, ±10%	50	33 at 100	0.375	1.7	250
LWW0805 _ TR56	±2%, ±5%, ±10%	25	23 at 50	0.34	1.9	230
LWW0805 _ TR60	±2%, ±5%, ±10%	25	23 at 50	0.26	1.6	450
LWW0805 _ TR62	±2%, ±5%, ±10%	25	23 at 50	0.22	2.2	210
LWW0805 _ TR68	±2%, ±5%, ±10%	25	23 at 50	0.2	2.2	190
LWW0805 _ TR75	±2%, ±5%, ±10%	25	23 at 50	0.2	2.3	180
LWW0805 _ TR82	±2%, ±5%, ±10%	25	23 at 50	0.2	2.35	180
LWW0805 _ T1R0	±2%, ±5%, ±10%	25	20 at 50	0.1	2.5	170
LWW0805 _ T1R2	±2%, ±5%, ±10%	7.9	18 at 25	0.1	2.5	170
LWW0805 _ T1R5	±2%, ±5%, ±10%	7.9	16 at 25	0.1	2.5	170
LWW0805 _ T1R8	±2%, ±5%, ±10%	7.9	16 at 7.9	0.08	2.5	170
LWW0805 _ T2R2	±2%, ±5%, ±10%	7.9	16 at 7.9	0.06	2.7	160
LWW0805 _ T2R7	±2%, ±5%, ±10%	7.9	16 at 7.9	0.05	3.1	150
LWW0805 _ T3R3	±2%, ±5%, ±10%	7.9	15 at 7.9	0.04	4.4	90
LWW0805 _ T4R7	±2%, ±5%, ±10%	7.9	15 at 7.9	0.04	6.4	90

Electrical Specifications – LWW1008 Standard						
Part Number	Tolerance	L Freq. (MHz)	Quality Factor (MHz) min.	SRF (GHz) min.	DCR (Ω) max.	I DC (mA) max.
LWW1008 _ T4N7	±5%, ±10%	50	50 at 1500	4	0.15	1000
LWW1008 _ T5N6	±5%, ±10%	50	50 at 1500	4	0.15	1000
LWW1008 _ T10N	±2%, ±5%, ±10%	50	50 at 1500	4.1	0.08	1000
LWW1008 _ T12N	±2%, ±5%, ±10%	50	50 at 1500	3.3	0.09	1000
LWW1008 _ T15N	±2%, ±5%, ±10%	50	50 at 1500	2.5	0.11	1000
LWW1008 _ T18N	±2%, ±5%, ±10%	50	50 at 350	2.4	0.12	1000
LWW1008 _ T22N	±2%, ±5%, ±10%	50	55 at 350	2.4	0.12	1000
LWW1008 _ T24N	±2%, ±5%, ±10%	50	55 at 350	1.9	0.13	1000
LWW1008 _ T27N	±2%, ±5%, ±10%	50	55 at 350	1.6	0.13	1000
LWW1008 _ T30N	±2%, ±5%, ±10%	50	60 at 350	1.6	0.14	1000
LWW1008 _ T33N	±2%, ±5%, ±10%	50	60 at 350	1.6	0.14	1000
LWW1008 _ T36N	±2%, ±5%, ±10%	50	60 at 350	1.6	0.15	1000

Electrical Specifications – LWW1008 Standard (cont.)						
Part Number	Tolerance	L Freq. (MHz)	Quality Factor (MHz) min.	SRF (GHz) min.	DCR (Ω) max.	I DC (mA) max.
LWW1008 _ T39N	±2%, ±5%, ±10%	50	60 at 350	1.5	0.15	1000
LWW1008 _ T47N	±2%, ±5%, ±10%	50	65 at 350	1.5	0.16	1000
LWW1008 _ T56N	±2%, ±5%, ±10%	50	65 at 350	1.3	0.18	1000
LWW1008 _ T62N	±2%, ±5%, ±10%	50	65 at 350	1.25	0.2	1000
LWW1008 _ T68N	±2%, ±5%, ±10%	50	65 at 350	1.3	0.2	1000
LWW1008 _ T75N	±2%, ±5%, ±10%	50	60 at 350	1.1	0.21	1000
LWW1008 _ T82N	±2%, ±5%, ±10%	50	60 at 350	1	0.22	1000
LWW1008 _ T91N	±2%, ±5%, ±10%	50	50 at 350	1	0.45	1000
LWW1008 _ TR10	±2%, ±5%, ±10%	25	60 at 350	1	0.56	650
LWW1008 _ TR12	±2%, ±5%, ±10%	25	60 at 350	0.95	0.63	650
LWW1008 _ TR15	±2%, ±5%, ±10%	25	45 at 100	0.85	0.7	800
LWW1008 _ TR18	±2%, ±5%, ±10%	25	45 at 100	0.75	0.77	620
LWW1008 _ TR22	±2%, ±5%, ±10%	25	45 at 100	0.7	0.84	500
LWW1008 _ TR24	±2%, ±5%, ±10%	25	45 at 100	0.65	0.88	500
LWW1008 _ TR27	±2%, ±5%, ±10%	25	45 at 100	0.6	0.91	690
LWW1008 _ TR30	±2%, ±5%, ±10%	25	45 at 100	0.585	1	450
LWW1008 _ TR33	±2%, ±5%, ±10%	25	45 at 100	0.57	1.05	450
LWW1008 _ TR36	±2%, ±5%, ±10%	25	45 at 100	0.53	1.1	470
LWW1008 _ TR39	±2%, ±5%, ±10%	25	45 at 100	0.5	1.12	630
LWW1008 _ TR43	±2%, ±5%, ±10%	25	45 at 100	0.48	1.15	470
LWW1008 _ TR47	±2%, ±5%, ±10%	25	45 at 100	0.45	1.19	470
LWW1008 _ TR56	±2%, ±5%, ±10%	25	45 at 100	0.415	1.33	580
LWW1008 _ TR62	±2%, ±5%, ±10%	25	45 at 100	0.375	1.4	300
LWW1008 _ TR68	±2%, ±5%, ±10%	25	45 at 100	0.375	1.47	540
LWW1008 _ TR75	±2%, ±5%, ±10%	25	45 at 100	0.36	1.54	360
LWW1008 _ TR82	±2%, ±5%, ±10%	25	45 at 100	0.35	1.61	400
LWW1008 _ TR91	±2%, ±5%, ±10%	25	35 at 50	0.32	1.68	380
LWW1008 _ T1R0	±2%, ±5%, ±10%	25	35 at 50	0.29	1.75	370
LWW1008 _ T1R2	±2%, ±5%, ±10%	7.9	35 at 50	0.25	2	310
LWW1008 _ T1R5	±2%, ±5%, ±10%	7.9	28 at 50	0.2	2.3	330
LWW1008 _ T1R8	±2%, ±5%, ±10%	7.9	28 at 50	0.16	2.6	300
LWW1008 _ T2R2	±2%, ±5%, ±10%	7.9	28 at 50	0.16	2.8	280
LWW1008 _ T2R7	±2%, ±5%, ±10%	7.9	22 at 25	0.14	3.2	290
LWW1008 _ T3R3	±2%, ±5%, ±10%	7.9	22 at 25	0.11	3.4	290
LWW1008 _ T3R9	±2%, ±5%, ±10%	7.9	18 at 25	0.1	3.6	260
LWW1008 _ T4R7	±2%, ±5%, ±10%	7.9	18 at 25	0.09	4	260
LWW1008 _ T5R6	±2%, ±5%, ±10%	7.9	16 at 7.96	0.02	4	240
LWW1008 _ T6R8	±2%, ±5%, ±10%	7.9	15 at 7.96	0.04	4.9	200
LWW1008 _ T8R2	±2%, ±5%, ±10%	7.9	15 at 7.96	0.025	6	170
LWW1008 _ T103	±2%, ±5%, ±10%	2.52	15 at 7.96	0.02	9	150
LWW1008 _ T123	±2%, ±5%, ±10%	2.52	15 at 7.96	0.018	10.5	130
LWW1008 _ T153	±2%, ±5%, ±10%	2.52	15 at 7.96	0.015	11.5	120

Electrical Specifications – LWW0402 High Current and High Q							
Part Number	Tolerance	L Freq. (MHz)	Quality Factor		SRF (GHz) min.	DCR (Ω) max.	I DC (mA) max.
			900MHz	1.7GHz			
LWW0402 _ T1N0-HC	±0.2nH, ±0.5nH, ±5%, ±10%	250	46	75	16	0.03	2300
LWW0402 _ T2N0-HC	±0.2nH, ±0.5nH, ±5%, ±10%	250	58	85	15.2	0.038	2100
LWW0402 _ T2N2-HC	±0.2nH, ±0.5nH, ±5%, ±10%	250	60	86	15.1	0.038	2100
LWW0402 _ T2N4-HC	±0.2nH, ±0.5nH, ±5%, ±10%	250	60	83	14	0.042	2000
LWW0402 _ T2N7-HC	±0.2nH, ±0.5nH, ±5%, ±10%	250	62	85	13	0.075	1500
LWW0402 _ T3N3-HC	±0.2nH, ±0.5nH, ±5%, ±10%	250	66	95	12.8	0.045	1700
LWW0402 _ T3N6-HC	±0.2nH, ±0.5nH, ±5%, ±10%	250	65	94	11.7	0.045	1700
LWW0402 _ T3N9-HC	±0.2nH, ±0.5nH, ±5%, ±10%	250	64	98	9.5	0.045	1700

Electrical Specifications – LWW0402 High Current and High Q (cont.)

Part Number	Tolerance	L Freq. (MHz)	Quality Factor		SRF (GHz) min.	DCR (Ω) max.	I DC (mA) max.
			900MHz	1.7GHz			
LWW0402 _ T4N3-HC	±0.5nH, ±5%, ±10%	250	63	90	7.15	0.05	1600
LWW0402 _ T4N7-HC	±0.5nH, ±5%, ±10%	250	58	83	6.85	0.07	1500
LWW0402 _ T5N1-HC	±2%, ±5%, ±10%	250	54	76	6.8	0.115	1200
LWW0402 _ T5N6-HC	±2%, ±5%, ±10%	250	73	105	6.5	0.05	1600
LWW0402 _ T6N2-HC	±2%, ±5%, ±10%	250	73	100	5.8	0.055	1600
LWW0402 _ T6N8-HC	±2%, ±5%, ±10%	250	68	94	5.8	0.065	1500
LWW0402 _ T7N5-HC	±2%, ±5%, ±10%	250	60	82	5.4	0.09	1400
LWW0402 _ T8N2-HC	±2%, ±5%, ±10%	250	68	95	5.4	0.065	1500
LWW0402 _ T8N7-HC	±2%, ±5%, ±10%	250	68	95	5	0.065	1500
LWW0402 _ T9N0-HC	±2%, ±5%, ±10%	250	67	92	5	0.08	1400
LWW0402 _ T9N5-HC	±2%, ±5%, ±10%	250	64	90	4.7	0.09	1400
LWW0402 _ T10N-HC	±2%, ±5%, ±10%	250	62	90	4.7	0.1	1300
LWW0402 _ T11N-HC	±2%, ±5%, ±10%	250	68	98	4.7	0.065	1400
LWW0402 _ T12N-HC	±2%, ±5%, ±10%	250	66	100	4.4	0.1	1200
LWW0402 _ T13N-HC	±2%, ±5%, ±10%	250	62	82	4.2	0.15	870
LWW0402 _ T15N-HC	±2%, ±5%, ±10%	250	62	85	3.9	0.11	1100
LWW0402 _ T16N-HC	±2%, ±5%, ±10%	250	57	77	3.7	0.14	850
LWW0402 _ T18N-HC	±2%, ±5%, ±10%	250	58	74	3.55	0.12	900
LWW0402 _ T19N-HC	±2%, ±5%, ±10%	250	61	88	3.5	0.145	850
LWW0402 _ T20N-HC	±2%, ±5%, ±10%	250	58	76	3.5	0.185	780
LWW0402 _ T21N-HC	±2%, ±5%, ±10%	250	48	62	1.7	0.46	450
LWW0402 _ T22N-HC	±2%, ±5%, ±10%	250	60	74	3.3	0.16	800
LWW0402 _ T23N-HC	±2%, ±5%, ±10%	250	60	77	3.3	0.16	800
LWW0402 _ T24N-HC	±2%, ±5%, ±10%	250	55	71	3.15	0.2	700
LWW0402 _ T25N-HC	±2%, ±5%, ±10%	250	57	73	3.15	0.25	600
LWW0402 _ T26N-HC	±2%, ±5%, ±10%	250	56	74	3.15	0.285	450
LWW0402 _ T27N-HC	±2%, ±5%, ±10%	250	62	86	3.2	0.32	450
LWW0402 _ T30N-HC	±2%, ±5%, ±10%	250	61	87	2.9	0.33	450
LWW0402 _ T33N-HC	±2%, ±5%, ±10%	250	61	80	2.8	0.33	490
LWW0402 _ T36N-HC	±2%, ±5%, ±10%	250	59	76	2.8	0.38	480
LWW0402 _ T37N-HC	±2%, ±5%, ±10%	250	57	72	2.7	0.46	470
LWW0402 _ T39N-HC	±2%, ±5%, ±10%	250	56	84	2.6	0.43	450
LWW0402 _ T40N-HC	±2%, ±5%, ±10%	250	56	75	2.6	0.43	450
LWW0402 _ T43N-HC	±2%, ±5%, ±10%	250	52	68	2.5	0.52	450
LWW0402 _ T47N-HC	±2%, ±5%, ±10%	250	48	62	2.4	0.58	420
LWW0402 _ T51N-HC	±2%, ±5%, ±10%	250	52	59	2.3	0.7	360

Electrical Specifications – LWW0603 High Current and High Q

Part Number	Tolerance	L Freq. (MHz)	Quality Factor min.	SRF (GHz) min.	DCR (Ω) max.	I DC (mA) max.
LWW0603 _ T1N6-HC	±5%, ±10%	250	24 at 250	12.5	0.03	2400
LWW0603 _ T3N6-HC	±5%, ±10%	250	24 at 250	5.9	0.048	2300
LWW0603 _ T3N9-HC	±5%, ±10%	250	25 at 250	5.9	0.054	2200
LWW0603 _ T6N8-HC	±5%, ±10%	250	35 at 250	5.8	0.054	2100
LWW0603 _ T7N5-HC	±5%, ±10%	250	38 at 250	3.7	0.059	2100
LWW0603 _ T8N2-HC	±5%, ±10%	250	38 at 250	3.7	0.06	2000
LWW0603 _ T10N-HC	±2%, ±5%, ±10%	250	38 at 250	3.7	0.071	2000
LWW0603 _ T12N-HC	±2%, ±5%, ±10%	250	38 at 250	3	0.075	2000
LWW0603 _ T15N-HC	±2%, ±5%, ±10%	250	38 at 250	2.8	0.08	1900
LWW0603 _ T18N-HC	±2%, ±5%, ±10%	250	40 at 250	2.8	0.099	1900
LWW0603 _ T22N-HC	±2%, ±5%, ±10%	250	42 at 250	2.4	0.099	1800
LWW0603 _ T24N-HC	±2%, ±5%, ±10%	250	42 at 250	2.4	0.105	1800

Electrical Specifications – LWW0805 High Current and High Q						
Part Number	Tolerance	L Freq. (MHz)	Quality Factor (MHz) min.	SRF (GHz) min.	DCR (Ω) max.	I DC (mA) max.
LWW0805 _ T2N5-HC	±5%, ±10%	250	80 at 1500	6.00	0.020	1600
LWW0805 _ T5N6-HC	±5%, ±10%	250	98 at 1500	6.00	0.035	1600
LWW0805 _ T6N2-HC	±5%, ±10%	250	88 at 1000	4.75	0.035	1600
LWW0805 _ T6N8-HC	±5%, ±10%	250	80 at 1000	4.40	0.035	1600
LWW0805 _ T8N2-HC	±5%, ±10%	250	75 at 1000	3.00	0.075	1000
LWW0805 _ T10N-HC	±5%, ±10%	250	80 at 1000	3.00	0.060	1600
LWW0805 _ T12N-HC	±5%, ±10%	250	80 at 1000	3.00	0.045	1600
LWW0805 _ T15N-HC	±2%, ±5%, ±10%	250	80 at 1000	2.80	0.100	1200
LWW0805 _ T16N-HC	±2%, ±5%, ±10%	250	72 at 500	2.95	0.060	1500
LWW0805 _ T18N-HC	±2%, ±5%, ±10%	250	75 at 500	2.55	0.060	1400
LWW0805 _ T20N-HC	±2%, ±5%, ±10%	250	70 at 500	2.05	0.055	1400

Electrical Specifications – LWW0805 High Current and High Q (cont.)						
Part Number	Tolerance	L Freq. (MHz)	Quality Factor (MHz) min.	SRF (GHz) min.	DCR (Ω) max.	I DC (mA) max.
LWW0805 _ T22N-HC	±2%, ±5%, ±10%	250	80 at 500	2.00	0.100	1200
LWW0805 _ T27N-HC	±2%, ±5%, ±10%	250	75 at 500	2.00	0.070	1300
LWW0805 _ T30N-HC	±2%, ±5%, ±10%	250	65 at 500	1.95	0.095	1200
LWW0805 _ T39N-HC	±2%, ±5%, ±10%	250	65 at 500	1.60	0.110	1100
LWW0805 _ T48N-HC	±2%, ±5%, ±10%	200	65 at 500	1.40	0.095	1200
LWW0805 _ T51N-HC	±2%, ±5%, ±10%	200	65 at 500	1.40	0.120	1000

Electrical Specifications – LWW1008 High Current and High Q						
Part Number	Tolerance	L Freq. (MHz)	Quality Factor (MHz) min.	SRF (GHz) min.	DCR (Ω) max.	I DC (mA) max.
LWW1008 _ T3N0-HC	±5%, ±10%	50	70 at 1500	6	0.04	1600
LWW1008 _ T3N9-HC	±5%, ±10%	50	75 at 1500	6	0.05	1600
LWW1008 _ T4N1-HC	±5%, ±10%	50	75 at 1500	6	0.05	1600
LWW1008 _ T7N8-HC	±5%, ±10%	50	75 at 500	3.8	0.05	1600
LWW1008 _ T10N-HC	±2%, ±5%, ±10%	50	60 at 500	3.6	0.06	1600
LWW1008 _ T12N-HC	±2%, ±5%, ±10%	50	70 at 350	2.8	0.06	1500
LWW1008 _ T18N-HC	±2%, ±5%, ±10%	50	62 at 350	2.7	0.07	1400
LWW1008 _ T22N-HC	±2%, ±5%, ±10%	50	62 at 350	2.05	0.07	1400
LWW1008 _ T33N-HC	±2%, ±5%, ±10%	50	75 at 350	1.7	0.09	1300
LWW1008 _ T39N-HC	±2%, ±5%, ±10%	50	75 at 350	1.3	0.09	1300
LWW1008 _ T47N-HC	±2%, ±5%, ±10%	50	75 at 350	1.45	0.12	1200
LWW1008 _ T56N-HC	±2%, ±5%, ±10%	50	75 at 350	1.23	0.12	1200
LWW1008 _ T68N-HC	±2%, ±5%, ±10%	50	80 at 350	1.15	0.13	1100
LWW1008 _ T82N-HC	±2%, ±5%, ±10%	50	80 at 350	1.06	0.16	1100
LWW1008 _ TR10-HC	±2%, ±5%, ±10%	50	50 at 350	0.82	0.16	1000

Electrical Performance Test		
Test	Test Specification	Test Condition
Inductance	Refer to Electrical Specifications tables	HP4286 / E4982A
Q		HP4286 / E4982A
SRF		HP4286 / E4982A
DC Resistance RDC		Micro-Ohm meter (Gom-801G) / E4982A
Rated Current IDC		Applied the current to coils. Temperature of coil increases Δ T 15°C (Ta = 25°C)
Over Load	Inductors shall have no evidence of electrical and mechanical damage	Applied 2 times of rated allowed DC current to inductor for a period of 5 minutes
Withstanding Voltage	Inductors shall have no evidence of electrical and mechanical damage	AC voltage of 500 VAC applied between inductors terminal and case for 1 minute
Insulation Resistance	1000 M ohm min.	100 VDC applied between inductor terminal and case

Mechanical Performance Test

Test	Test Specification	Test Condition
Vibration	Appearance: No damage L change: within ± 5% Q change: within ± 10%	Test device shall be soldered on the substrate Oscillation Frequency: 10 to 55 to 10 Hz for 1 minute Amplitude: 1.5 mm Time: 2 hours for each axis (X, Y and Z), total 6 hours
Resistance to Soldering Heat		Solder Temperature: 260 ± 5°C Immersion Time: 10 ± 2 seconds
Component Adhesion (Push Test)	1 lb. for 0402 2 lb. for 0603 3 lb. for other sizes	The device should be soldered (260±5°C for 10 seconds) to a tinned copper substrate. A dynamiter force gauge should be applied to the side of the component. The device must withstand a minimum force of 2 or 4 pounds without a failure of adhesion on termination
Drop	No damage	Dropping chip by each side and each corner. Drop 10 times in total. Drop height: 100 cm Drop weight: 125 g
Solderability	90% covered with solder	Inductor shall be dipped in a melted solder bath at 245 ± 5°C for 3 seconds.
Resistance to Solvent	No damage on appearance and marking	MIL-STD-202F, Method 215D

Climatic Test

Test	Test Specification	Test Condition
Temperature Characteristic	Appearance: No damage L change: within ± 10% Q change: within ± 20%	-40 ~ +125°C
Humidity		Temperature : 40 ± 2°C Relative Humidity: 90 ~ 95% Time: 96 ± 2 hours Measured after exposure in the room condition for 2 hours
Low Temperature Storage		Temperature : -40 ± 2°C Time: 96±2 hours Inductors are tested after 1 hour at room temperature
Thermal Shock		One Cycle:

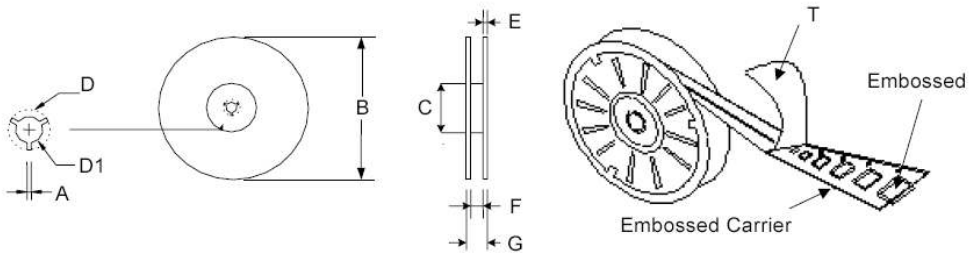
Step	Temperature (°C)	Time (min.)
1	-25 ± 3	30
2	25 ± 2	15
3	125 ± 3	30
4	25 ± 2	15

Total: 5 cycles

High Temperature Storage		Temperature: 125 ± 2°C Time: 96 ± 2 hours Measured after exposure in the room condition for 1 hour
High Temperature Load Life	There should be no evidence of short of open circuit	Temperature: 85 ± 2°C Time: 1000 ± 12 hours Load: Allowed DC current
Damp Heat with Load		Temperature: 40 ± 2°C Relative Humidity: 90 ~ 95% Time: 1000 ± 12 hours Load: Allowed DC current

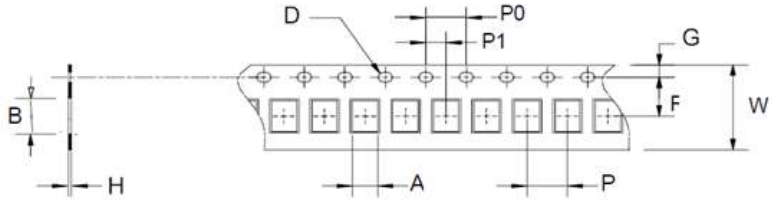
Storage Temperature: 25 ± 3°C; humidity < 80% R.H.

Packaging Specifications



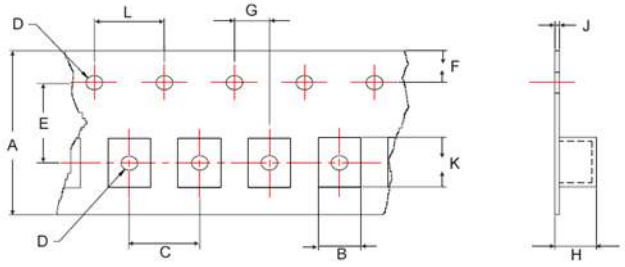
Type/Code	A	B	C	D	T	Unit
All	0.079 ± 0.020 2.00 ± 0.50	7.008 ± 0.079 178.00 ± 2.00	2.362 ± 0.020 60.00 ± 0.50	0.858 ± 0.031 21.80 ± 0.80	0.004 max. 0.10 max.	inches mm
	D1	E	F	G	Unit	
	0.512 ± 0.012 13.00 ± 0.30	0.047 ± 0.008 1.20 ± 0.20	0.354 ± 0.012 9.00 ± 0.30	0.449 ± 0.039 11.40 ± 1.00	inches mm	

Paper Tape Specifications



Type/Code	A	B	D	H	F	G	P	P0	P1	W	Unit
LWW0402	0.032 0.81	0.048 1.23	0.059 1.50	0.029 0.73	0.138 3.50	0.069 ± 0.004 1.75 ± 0.10	0.079 2.00	0.157 4.00	0.079 2.00	0.315 8.00	inches mm
LWW0603	0.053 1.35	0.077 1.95	0.059 1.50	0.037 0.95	0.138 3.50	0.069 ± 0.004 1.75 ± 0.10	0.157 4.00	0.157 4.00	0.079 2.00	0.315 8.00	inches mm

Embossed Plastic Tape Specifications



Type/Code	A	B	C	E	F	D	Unit
LWW0805	0.315 ± 0.008 8.00 ± 0.20	0.073 ± 0.004 1.85 ± 0.10	0.157 ± 0.004 4.00 ± 0.10	0.138 ± 0.002 3.50 ± 0.05	0.069 ± 0.004 1.75 ± 0.10	0.059 1.50	inches mm
LWW0805…-HC	0.315 ± 0.008 8.00 ± 0.20	0.073 ± 0.004 1.85 ± 0.10	0.157 ± 0.004 4.00 ± 0.10	0.138 ± 0.002 3.50 ± 0.05	0.069 ± 0.004 1.75 ± 0.10	0.059 1.50	inches mm
LWW1008	0.315 ± 0.008 8.00 ± 0.20	0.106 ± 0.004 2.70 ± 0.10	0.157 ± 0.004 4.00 ± 0.10	0.138 ± 0.002 3.50 ± 0.05	0.069 ± 0.004 1.75 ± 0.10	0.059 1.50	inches mm
LWW1008…-HC	0.315 ± 0.008 8.00 ± 0.20	0.106 ± 0.004 2.70 ± 0.10	0.157 ± 0.004 4.00 ± 0.10	0.138 ± 0.002 3.50 ± 0.05	0.069 ± 0.004 1.75 ± 0.10	0.059 1.50	inches mm

Embossed Plastic Tape Specifications (cont.)						
Type/Code	G	H	J	K	L	Unit
LWW0805	0.079 ± 0.002 2.00 ± 0.05	0.057 ± 0.002 1.45 ± 0.05	0.009 ± 0.002 0.23 ± 0.05	0.091 ± 0.004 2.30 ± 0.10	0.157 ± 0.004 4.00 ± 0.10	inches mm
LWW0805…-HC	0.079 ± 0.002 2.00 ± 0.05	0.057 ± 0.002 1.45 ± 0.05	0.009 ± 0.002 0.23 ± 0.05	0.091 ± 0.004 2.30 ± 0.10	0.157 ± 0.004 4.00 ± 0.10	inches mm
LWW1008	0.079 ± 0.002 2.00 ± 0.05	0.079 ± 0.002 2.00 ± 0.05	0.009 ± 0.002 0.23 ± 0.05	0.110 ± 0.004 2.80 ± 0.10	0.157 ± 0.004 4.00 ± 0.10	inches mm
LWW1008…-HC	0.079 ± 0.002 2.00 ± 0.05	0.079 ± 0.002 2.00 ± 0.05	0.009 ± 0.002 0.23 ± 0.05	0.110 ± 0.004 2.80 ± 0.10	0.157 ± 0.004 4.00 ± 0.10	inches mm

RoHS Compliance

Stackpole Electronics has joined the worldwide effort to reduce the amount of lead in electronic components and to meet the various regulatory requirements now prevalent, such as the European Union's directive regarding "Restrictions on Hazardous Substances" (RoHS 3). As part of this ongoing program, we periodically update this document with the status regarding the availability of our compliant components. All our standard part numbers are compliant to EU Directive 2011/65/EU of the European Parliament as amended by Directive (EU) 2015/863/EU as regards the list of restricted substances.

RoHS Compliance Status						
Standard Product Series	Description	Package / Termination Type	Standard Series RoHS Compliant	Lead-Free Termination Composition	Lead-Free Mfg. Effective Date (Std Product Series)	Lead-Free Effective Date Code (YY/WW)
LWW	Wirewound Ceramic Surface Mount Chip Inductor	SMD	YES	100% Matte Sn	Aug-05	05/31

"Conflict Metals" Commitment

We at Stackpole Electronics, Inc. are joined with our industry in opposing the use of metals mined in the "conflict region" of the eastern Democratic Republic of the Congo (DRC) in our products. Recognizing that the supply chain for metals used in the electronics industry is very complex, we work closely with our own suppliers to verify to the extent possible that the materials and products we supply do not contain metals sourced from this conflict region. As such, we are in compliance with the requirements of Dodd-Frank Act regarding Conflict Minerals.

Compliance to "REACH"

We certify that all passive components supplied by Stackpole Electronics, Inc. are SVHC (Substances of Very High Concern) free and compliant with the requirements of EU Directive 1907/2006/EC, "The Registration, Evaluation, Authorization and Restriction of Chemicals", otherwise referred to as REACH. Contact us for complete list of REACH Substance Candidate List.

Environmental Policy

It is the policy of Stackpole Electronics, Inc. (SEI) to protect the environment in all localities in which we operate. We continually strive to improve our effect on the environment. We observe all applicable laws and regulations regarding the protection of our environment and all requests related to the environment to which we have agreed. We are committed to the prevention of all forms of pollution.

How to Order

L	W	W	0	6	0	3	J	T	1	N	6	-	H	C

Product Series	
LWW	Wirewound Inductor

Size
0402
0603
0805
1008

Tolerance	
Code	Tol
C	±0.2nH
D	±0.5nH
G	2%
J	5%
K	10%
M	20%

Packaging			
Code	Description	Sizes	Quantity
T	Paper Tape	0402 0603	4000
	Embossed Plastic	0805 1008	2000

Inductance	
Code	Inductance
1N6	1.6nH
82N	82nH
R27	270nH
1R0	1000nH
103	10000nH

Code	Description
(blank)	Standard
-HC	High Current and High Q

Legacy Part Number:

W	L	0	3	J	T	H	1	N	6

Product Series	
WL	Wirewound Inductor

Code	Size
02	0402
03	0603
05	0805
08	1008

Tolerance	
Code	Tol
G	2%
J	5%
K	10%
M	20%

Packaging			
Code	Description	Sizes	Quantity
T	Tape and Reel	02, 03	4,000
		05, 08, 06	2,000

Code	Description
	Standard
H	High Current and Q

Inductance	
Code	Inductance
1N6	1.6nH
82N	82nH
R27	270nH
1R0	1000nH
103	10000nH