

Type 3611 Series

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The very latest miniature wound inductors with a wide inductance and temperature range are supplied on 8mm wide tape and reeled in 2000 pieces. These tiny 1008 size inductors are wound on a ferrite bobbin core and encapsulated in a moulded epoxy resin and can be soldered and cleaned using all popular methods.

Key Features

- High Reliability
- Small Size - 2.5 x 2.0 mm (1008)
- Temperature Range -20°C to +100°C
- Taped to IEC 286 Pt3
- Suitable for Dip and Wave Solder
- Inductance of 0.01µH to 100µH
- Superior Q Characteristics

Characteristics - Electrical - Style T (Standard)

Inductance Code	Inductance (µH)	Tolerance (±%)	Q Min	LQ Test Freq. (MHz)	S.R.F. (MHz) Min	Rdc Max (ohms)	Idc (mA) Max
R22	0.22	10	25	25.2	230	0.70	190
R27	0.27	10	25	25.2	210	0.75	180
R33	0.33	10	25	25.2	190	0.85	170
R39	0.39	10	25	25.2	175	0.95	160
R47	0.47	10	25	25.2	160	1.00	155
R56	0.56	10	25	25.2	150	1.10	150
R68	0.68	10	25	25.2	135	1.25	140
R82	0.82	10	25	25.2	125	1.40	130
1R0	1.0	5/10	25	7.96	115	0.65	195
1R2	1.2	5/10	25	7.96	100	0.75	180
1R5	1.5	5/10	25	7.96	90	0.85	170
1R8	1.8	5/10	25	7.96	85	0.95	160
2R2	2.2	5/10	25	7.96	80	1.05	155
2R7	2.7	5/10	25	7.96	75	1.20	145
3R3	3.3	5/10	25	7.96	65	1.30	135
3R9	3.9	5/10	25	7.96	60	1.40	130
4R7	4.7	5/10	25	7.96	55	1.55	125
5R6	5.6	5/10	25	7.96	50	1.75	120
6R8	6.8	5/10	25	7.96	45	1.95	115
8R2	8.2	5/10	25	7.96	40	2.20	105
100	10.0	5/10	25	2.52	32	3.50	80
120	12.0	5/10	25	2.52	30	3.80	75
150	15.0	5/10	25	2.52	28	4.40	70
180	18.0	5/10	25	2.52	25	5.00	65
220	22.0	5/10	25	2.52	22	5.80	60
270	27.0	5/10	20	2.52	21	6.30	115
330	33.0	5/10	20	2.52	20	7.10	110
390	39.0	5/10	20	2.52	18	9.50	90
470	47.0	5/10	20	2.52	17	11.0	80
560	56.0	5/10	20	2.52	16	12.1	75
680	68.0	5/10	20	2.52	15	16.6	70
820	82.0	5/10	20	2.52	13	19.0	65
101	100.0	5/10	15	0.796	12	21.0	60

Characteristics - Electrical - Style P (High Current)

Inductance Code	Inductance (µH)	Tolerance (±%)	Q Min	LQ Test Freq. (MHz)	S.R.F. (MHz) Min	Rdc Max (ohms)	Idc (mA) Max
1R0	1.0	20	10	7.96	95	0.45	475
1R5	1.5	20	10	7.96	85	0.55	435
2R2	2.2	20	10	7.96	65	0.65	390
3R3	3.3	20	8	7.96	55	0.85	340
4R7	4.7	20	8	7.96	43	1.20	285
6R8	6.8	10	8.5	7.96	44	1.30	170
100	10.0	10	20	2.52	32	2.20	210
120	12.0	10	20	2.52	25	2.70	195
150	15.0	10	20	2.52	21	3.20	175
220	22.0	10	20	2.52	18	4.00	160
330	33.0	10	20	2.52	16	6.50	120

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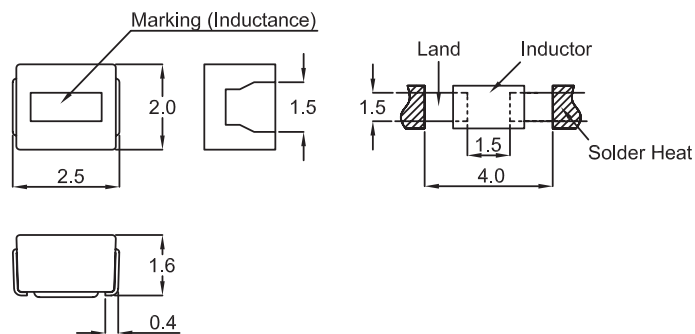
**Characteristics -
Electrical - Style L (Low Inductance)**

Inductance Code	Inductance (µH)	Tolerance (±%)	Q Min	LQ Test Freq. (MHz)	S.R.F. (MHz) Min	Rdc Max (ohms)	Idc (mA) Max
10N	0.010	10	10	100	2500	0.32	280
12N	0.012	10	10	100	2200	0.34	270
15N	0.015	10	10	100	1800	0.38	255
18N	0.018	10	10	100	1550	0.40	250
22N	0.022	10	15	100	1350	0.43	240
27N	0.027	10	15	100	1150	0.47	230
33N	0.033	5/10	15	100	1000	0.51	220
39N	0.039	5/10	15	100	890	0.55	215
47N	0.047	5/10	15	100	770	0.59	205
56N	0.056	5/10	15	100	670	0.63	200
68N	0.068	5/10	15	100	590	0.68	190
82N	0.082	5/10	15	100	520	0.73	185
R10	0.10	5/10	10	25.2	460	0.80	175
R12	0.12	5/10	10	25.2	400	0.87	170
R15	0.15	5/10	10	25.2	340	0.98	160
R18	0.18	5/10	10	25.2	300	1.05	155
R22	0.22	5/10	10	25.2	260	1.15	145
R27	0.27	5/10	10	25.2	230	1.25	140
R33	0.33	5/10	10	25.2	200	1.37	135
R39	0.39	5/10	10	25.2	180	1.47	130
R47	0.47	5/10	10	25.2	160	1.58	125
R56	0.56	5/10	10	25.2	145	1.70	120
R68	0.68	5/10	10	25.2	130	1.85	110
R82	0.82	5/10	10	25.2	100	2.10	100

**Characteristics -
Environmental**

Temperature Range (Storage):	-40°C to +100°C
Temperature Range (Operating):	-20°C to +100°C

Dimensions



How to Order

3611	T	1R5	K
Common Part	Orientation	Inductance Value	Tolerance
3611 - 1008 Size	L - Low Inductance P - High Current T - Standard	Value Code (See Table)	J - ±5% K - ±10% M - 20%