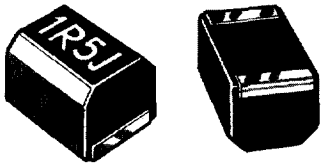
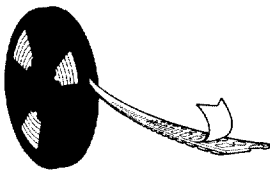


Key features

- high reliability
- attractively priced
- small size - 2.5 x 2.0mm (10:08)
- temperature range -20°C to +100°C
- taped to IEC 286 Pt 3
- suitable for dip and wave solder
- inductance of 0.01µH to 100µH



SMD Inductors

Specification

type 3611 series

These very latest miniature wound inductors with a wide inductance and temperature range, are supplied on 8mm wide tape and on reels of 2000 pieces. They are 10:08 in size for automatic placement.

Temperature

Temperature Range (Storage): -40°C to +100°C
Temperature Range (Operating) -20°C to +100°C
Resistance to Soldering: 260°C 10 Seconds

Electrical

Inductance Code	Inductance (µ H)	Tolerance (± %)	Q Min	LQ Test Freq. (MHz)	Self -Resonance Freq. (MHz)	Rdc Max	Idc (mA) Max
R010	0.010	5/10	15	100	2150	0.26	530
R012	0.012	5/10	15	100	2050	0.27	500
R015	0.015	5/10	15	100	2000	0.29	480
R018	0.018	5/10	15	100	1850	0.31	450
R022	0.022	5/10	15	100	1650	0.37	420
R027	0.027	5/10	15	100	1550	0.40	410
R033	0.033	5/10	20	100	1450	0.42	400
R039	0.039	5/10	20	100	1350	0.45	380
R047	0.047	5/10	20	100	1200	0.50	360
R056	0.056	5/10	20	100	1100	0.60	340
R068	0.068	5/10	20	100	1050	0.65	320
R082	0.082	5/10	20	100	900	0.75	300
R10	0.10	5/10	20	100	800	0.80	280
R12	0.12	5/10	30	25.2	700	0.30	550
R15	0.15	5/10	30	25.2	550	0.35	500
R18	0.18	5/10	30	25.2	500	0.40	460
R22	0.22	5/10	30	25.2	450	0.50	430
R27	0.27	5/10	30	25.2	425	0.55	420
R33	0.33	5/10	30	25.2	400	0.60	400
R39	0.39	5/10	30	25.2	375	0.65	375
R47	0.47	5/10	30	25.2	350	0.68	350
R56	0.56	5/10	30	25.2	325	0.75	325
R68	0.68	5/10	30	25.2	300	0.85	300
R82	0.82	5/10	30	25.2	260	1.00	260

Specification (cont.)

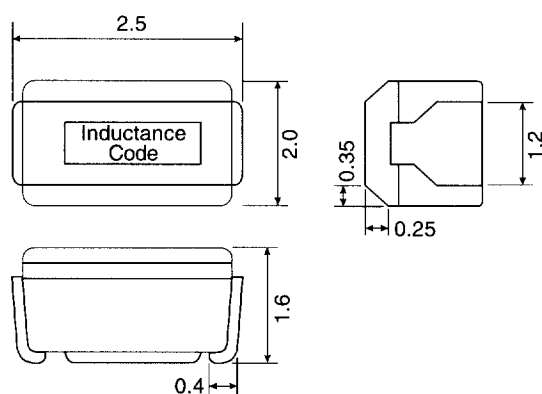
Inductance Code	Inductance (μ H)	Tolerance ($\pm$ %)	Q Min	LQ Test Freq. (MHz)	Self -Resonance Freq. (MHz)	Rdc Max	Idc (mA) Max
1R0	1.0	5	30	7.96	245	1.10	245
1R2	1.2	5	30	7.96	230	1.20	230
1R5	1.5	5	30	7.96	182	1.30	220
1R8	1.8	5	30	7.96	135	1.46	210
2R2	2.2	5	30	7.96	105	1.56	200
2R7	2.7	5	30	7.96	70	1.70	195
3R3	3.3	5	30	7.96	55	1.90	185
3R9	3.9	5	30	7.96	48	2.10	180
4R7	4.7	5	30	7.96	43	2.30	175
5R6	5.6	5	25	7.96	42	2.50	170
6R8	6.8	5	25	7.96	39	2.70	165
8R2	8.2	5	25	7.96	36	3.05	160
100	10.0	5	25	2.52	33	3.50	155
120	12.0	5	25	2.52	30	3.80	150
150	15.0	5	25	2.52	26	4.40	140
180	18.0	5	25	2.52	24	4.80	130
220	22.0	5	25	2.52	22	5.50	125
270	27.0	5	25	2.52	21	6.30	115
330	33.0	5	25	2.52	20	7.10	110
390	39.0	5	20	2.52	18	9.50	90
470	47.0	5	20	2.52	17	11.1	80
560	56.0	5	20	2.52	16	12.1	75
680	68.0	5	20	2.52	15	16.6	70
820	82.0	5	20	2.52	13	19.0	66
101	100.0	5	15	0.796	12	21.0	60

SMD Inductors

type 3611 series

These tiny units are wound on a ferrite bobbin core, then encapsulated in a moulded epoxy resin. This allows the units to be soldered and cleansed using all the popular methods.

Dimensions



Packaging:
2000 Pieces (7" Reel)

How To Order

3611	T	1R5	M
Common Part	Standard Part	Inductance Value	Tolerance
3611 - 10:08 Size	T - Standard Part	Value Code (See Table)	M - $\pm$ 20% K - $\pm$ 10% J - $\pm$ 5%

Please Request Full Data
Sheet F0721