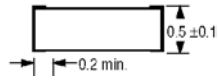
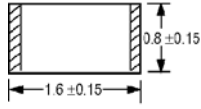


Visit Murata's Website at www.murata.com

LQP11A Series Surface Mount Chip Inductors

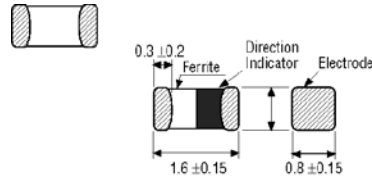
— NEW —



- Features**
- ▶ Tight Tolerance Enables Assembly without Tuning
 - ▶ High SRF Due to Low Stray Capacitance Provides Stable Inductance in High Frequency Circuits
 - ▶ External Electrodes with Nickel Barrier Structure Provide Excellent Solder Heat Resistance

Stock No.	Mfr.'s Type	Inductance		DC Resistance (Ω Max.)	Self-Resonant Freq. (MHz Min.)	EACH
		Nominal Value (nH)	Tolerance			
231-2700	LQP11A1N3C00T1	1.3	±0.2 nH	0.3	6000	.41
231-2702	LQP11A1N5C00T1	1.5	±0.2 nH	0.3	6000	.41
231-2704	LQP11A1N8C00T1	1.8	±0.2 nH	0.4	6000	.41
231-2706	LQP11A2N2C00T1	2.2	±0.2 nH	0.4	6000	.41
231-2708	LQP11A2N7C00T1	2.7	±0.2 nH	0.4	6000	.41
231-2710	LQP11A3N3C00T1	3.3	±0.2 nH	0.4	6000	.41
231-2712	LQP11A3N9C00T1	3.9	±0.2 nH	0.5	5900	.41
231-2714	LQP11A4N7C00T1	4.7	±0.2 nH	0.5	5200	.41
231-2716	LQP11A5N6C00T1	5.6	±0.2 nH	0.6	4700	.41
231-2718	LQP11A6N8C00T1	6.8	±0.2 nH	0.7	4300	.41
231-2720	LQP11A8N2C00T1	8.2	±0.2 nH	0.8	3600	.41
231-2722	LQP11A10N500T1	10.0	±2%	1.0	3400	.41
231-2724	LQP11A12N500T1	12.0	±2%	1.0	3000	.41
231-2726	LQP11A15N500T1	15.0	±2%	1.3	2700	.41
231-2728	LQP11A18N500T1	18.0	±2%	1.5	2300	.41
231-2730	LQP11A22N500T1	22.0	±2%	1.9	2100	.41
231-2732	LQP11A27N500T1	27.0	±2%	2.4	1900	.41
231-2734	LQP11A33N500T1	33.0	±2%	2.8	1700	.41
231-2736	LQP11A39N500T1	39.0	±2%	2.8	1400	.41
231-2738	LQP11A47N500T1	47.0	±2%	2.2	1200	.41
231-2740	LQP11A56N500T1	56.0	±2%	3.4	1000	.41
231-2742	LQP11A68N500T1	68.0	±2%	3.5	900	.41
231-2744	LQP11A82N500T1	82.0	±2%	4.6	800	.41
231-2746	LQP11A10600T1	100.0	±2%	6.1	700	.41

LQG11A Series Surface Mount Chip Inductors



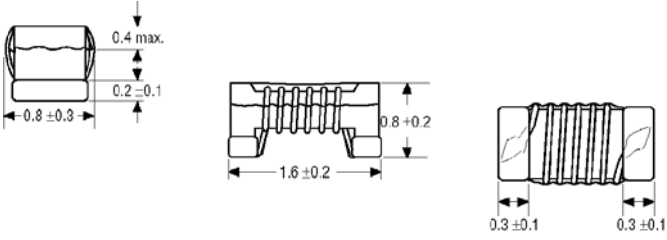
- Features**
- ▶ High-Q Characteristics
 - ▶ Small Size of LQG11A (1.6 × 0.8 × 0.8 mm) Is Suitable for Small Portable Equipment, Especially for Card Size Equipment
 - ▶ The External Electrodes with Nickel Barrier Structure Provide Excellent Solder Heat Resistance
 - ▶ Inductance Test Frequency: 100 MHz
 - ▶ Q Nominal Value: 12 Min.
 - ▶ Q Test Frequency: 100 MHz
 - ▶ Allowable Current: 300 mA
 - ▶ Operating Temperature Range: -40°C to +85°C

- Applications**
- ▶ High Frequency Circuit of Telecommunication Equipment

Stock No.	Mfr.'s Type	Nominal Value (nH)	Tol.	DC Resistance (Ω Max.)	Self-Resonant Freq. Min. (MHz)	EACH
231-2602	LQG11A1N5S00T1	1.5	±0.3 nH	0.10	6000	.36
231-2604	LQG11A1N8S00T1	1.8	±0.3 nH	0.10	6000	.36
231-2606	LQG11A2N2S00T1	2.2	±0.3 nH	0.10	6000	.36
231-2608	LQG11A2N7S00T1	2.7	±0.3 nH	0.15	6000	.36
231-2610	LQG11A3N3S00T1	3.3	±0.3 nH	0.15	6000	.36
231-2612	LQG11A3N9S00T1	3.9	±0.3 nH	0.15	6000	.36
231-2614	LQG11A4N7S00T1	4.7	±0.3 nH	0.20	6000	.39
231-2616	LQG11A5N6S00T1	5.6	±0.3 nH	0.20	5000	.36
231-2618	LQG11A6N8J00T1	6.8	±5%	0.25	5000	.36
231-2620	LQG11A8N2J00T1	8.2	±5%	0.25	4000	.36
231-2622	LQG11A10N500T1	10.0	±5%	0.30	3500	.49
231-2624	LQG11A12N500T1	12.0	±5%	0.35	3000	.36
231-2626	LQG11A15N500T1	15.0	±5%	0.40	2800	.36
231-2628	LQG11A18N500T1	18.0	±5%	0.45	2600	.36
231-2630	LQG11A22N500T1	22.0	±5%	0.50	2300	.36
231-2632	LQG11A27N500T1	27.0	±5%	0.55	2000	.36
231-2634	LQG11A33N500T1	33.0	±5%	0.60	1700	.36
231-2636	LQG11A39N500T1	39.0	±5%	0.65	1500	.42
231-2638	LQG11A47N500T1	47.0	±5%	0.70	1200	.42
231-2640	LQG11A56N500T1	56.0	±5%	0.75	1100	.42
231-2642	LQG11A68N500T1	68.0	±5%	0.80	1000	.46
231-2644	LQG11A82N500T1	82.0	±5%	0.85	900	.45
231-2646	LQG11A10600T1	100.0	±5%	0.90	800	.46

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LQW1608A Series Surface Mount Chip Inductors

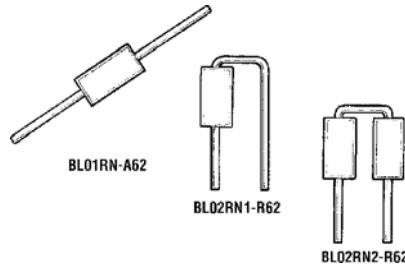


- Features**
- ▶ Tight Tolerance (±2 nH, ±2%)
 - ▶ Broad Inductance Range (3.9 nH - 220 nH)
 - ▶ Miniature Size Enables High Density Mounting
 - ▶ High Q Value and Stable Inductance at High Frequency
 - ▶ Low DCR

The LQW1608A Series are miniaturized surface mount inductors with an aluminum core bobbin. These inductors are suitable for high frequency circuits in telecom equipment.

Stock No.	Mfr.'s Type	Nominal Value (nH)	Tol.	DC Resistance (Ω Max.)	Self-Resonant Freq. Min. (MHz)	EACH
231-7610	LQW1608A5N6C(D)00T1	5.6	±0.2 nH (±0.5 nH)	0.082	6000	.74
231-7612	LQW1608A6N8C(D)00T1	6.8	±0.2 nH (±0.5 nH)	0.082	6000	.36
231-7614	LQW1608A10NG(J)00T1	10.0	±2.0% (±5%)	0.110	6000	.45
231-7616	LQW1608A12NG(J)00T1	12.0	±2.0% (±5%)	0.130	6000	.45
231-7618	LQW1608A15NG(J)00T1	15.0	±2.0% (±5%)	0.130	6000	.45
231-7620	LQW1608A18NG(J)00T1	18.0	±2.0% (±5%)	0.160	5500	.45
231-7622	LQW1608A22NG(J)00T1	22.0	±2.0% (±5%)	0.170	4600	.45
231-7624	LQW1608A27NG(J)00T1	27.0	±2.0% (±5%)	0.210	3700	.45
231-7626	LQW1608A33NG(J)00T1	33.0	±2.0% (±5%)	0.230	3200	.45
231-7628	LQW1608A39NG(J)00T1	39.0	±2.0% (±5%)	0.260	2800	.91
231-7630	LQW1608A47NG(J)00T1	47.0	±2.0% (±5%)	0.290	2600	.91
231-7632	LQW1608A56NG(J)00T1	56.0	±2.0% (±5%)	0.350	2400	.91
231-7634	LQW1608A68NG(J)00T1	68.0	±2.0% (±5%)	0.380	2200	.91
231-7636	LQW1608A82NG(J)00T1	82.0	±2.0% (±5%)	0.600	2000	.91
231-7638	LQW1608A106G(J)00T1	100.0	±2.0% (±5%)	0.680	1800	.49
231-7640	LQW1608A12G(J)00T1	120.0	±2.0% (±5%)	1.300	1600	.45
231-7642	LQW1608A15G(J)00T1	150.0	±2.0% (±5%)	1.500	1400	.45
231-7644	LQW1608A18G(J)00T1	180.0	±2.0% (±5%)	2.200	1300	.91
231-7646	LQW1608A22G(J)00T1	220.0	±2.0% (±5%)	2.500	1200	.45

Bead Inductors



Ferrite beads are used for noise suppression in car radios, digital control equipment and for the prevention of spurious oscillation in radio frequency amplifiers. Ferrite bead inductors are devices which can effectively be used on printed circuit boards where high component density is essential. Applications include micro computer, switching regulators, digital control equipment, car radio, car stereos, etc. Tape and reel in axial and radial versions available as well as ammo pack as custom order. Call for price and delivery.

Stock No.	Mfr.'s Type	Lead Length	Rated Current	Beads Form	Lead Style	EACH	
						1-99	100-249
711-0500	BL01RN1-A62	0.787"	7	Single	Axial	.49	.27
711-0510	BL02RN1-R62	0.394"	7	Single	Radial	.44	.24
711-0515	BL02RN2-R62	0.394"	7	Double	Radial	.62	.37
711-0520	BL03RN2-R62	0.394"	6	Double	Radial	.69	.36

Surface Mount Inductor Kits

High Frequency, Low Inductance, Wire Wound and Thin Film Chip Inductors
0402, 0603, 0805 and 1206 chip sizes.
711-3611. Kit-EKLB11EB EACH 408.00

High Frequency, Low Inductance Chip Inductors (LQP11s)
0603 chip size. 20 pieces each of 24 values.
711-3607. Kit-EKLM11UB EACH 112.20

High Frequency, Low Inductance Monolithic Chip Inductors
0603 chip size. 20 pieces each of 24 values.
711-3604. Kit-EKLM13UA EACH 106.91

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