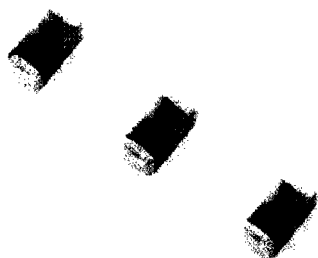


CHIP INDUCTORS SURFACE MOUNT CHIP INDUCTORS LQG11A SERIES

NEW

muRata
Innovator in Electronics



The LQG11A Series is designed to have stable characteristics in high frequency range by applying an integrated multilayer process.

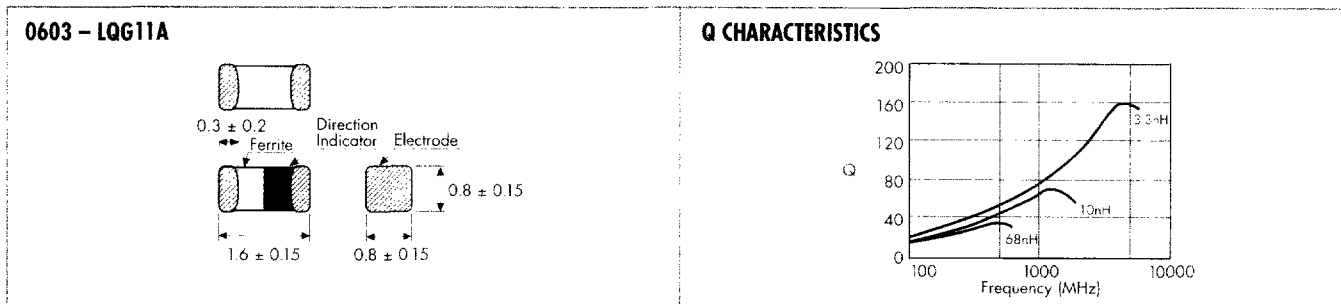
FEATURES

- High-Q characteristics
- Small size of LQG11A (1.6 x 0.8 x 0.8mm) is suitable for small portable equipment, especially for card size equipment.
- The external electrodes with nickel barrier structure provide excellent solder heat resistance.

APPLICATIONS

- High frequency circuit of telecommunication equipment
- RF circuits
- DECT, PHS, AMPS, PCS, PCN, GSM

DIMENSIONS: mm



SPECIFICATIONS

Part Number	Inductance			Q		DC Resistance (Ω max.)	Self-resonant Frequency (MHz min.)	Allowable Current (mA)	Operating Temperature Range
	Nominal Value (nH)	Tolerance	Test Frequency (MHz)	Nominal Value (min.)	Test Frequency (MHz)				
*LQG11A1N2500	1.2	±0.3nH	100	12	100	0.10	6000	300	-40°C ~ +85°C
*LQG11A1N5500	1.5								
*LQG11A1N8500	1.8								
*LQG11A2N2500	2.2								
*LQG11A2N7500	2.7								
*LQG11A3N3500	3.3								
*LQG11A3N9500	3.9								
*LQG11A4N7500	4.7								
*LQG11A5N6500	5.6								
*LQG11A6N8J00	6.8								
*LQG11A8N2J00	8.2								
*LQG11A10NJ00	10								
*LQG11A12NJ00	12								
*LQG11A15NJ00	15								
*LQG11A18NJ00	18								
*LQG11A22NJ00	22								
*LQG11A27NJ00	27								
*LQG11A33NJ00	33								
*LQG11A39NJ00	39								
*LQG11A47NJ00	47								
*LQG11A56NJ00	56								
*LQG11A68NJ00	68								
*LQG11A82NJ00	82								
*LQG11AR10J00	100								

PART NUMBERING SYSTEM

TYPE	SIZE	CHARACTERISTICS	INDUCTANCE CODE	TOLERANCE	ELECTRODE CONSTRUCTION
LQG: Monolithic	11: 1.6 x 0.8mm	A: Air Coil	1N2: 1.2nH 10N: 10nH R10: 100nH	S: ±.3nH J: ± 5%	00: Ag + Ni + Sn

* Available as standard through authorized Murata Electronics Distributors. * Applicable in North American market only. * Applicable in European market only.
For more detailed information regarding this product line in North America, see Catalog No. E-06-E. To receive additional information on Murata Products call 1-800-831-9172.
For more detailed information regarding this product line in Europe, see Catalog No. C05E-3.