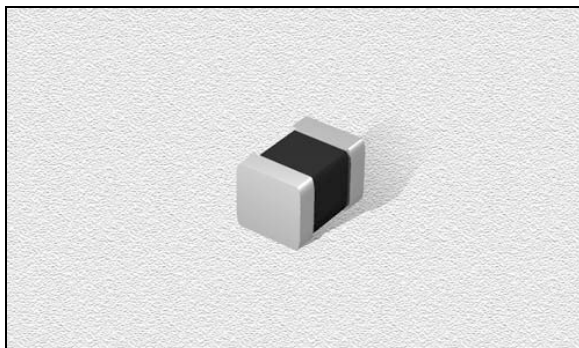


GVLC0603 Series

From 1.0 nH to 100 nH



CHARACTERISTICS

Description: SMD laser cut inductors

Applications: Computer products, hard disks, floppy disks, etc.
Communication products, cordless phones, etc. Modems, OA
produGVs, TV sets, VCR's, etc. Countermeasures for complying with
CE, FCC, VDE or VCCI radiated emissions

Operating Temperature: -40°C to +125°C

Inductance Tolerances: ±5% , ±10% & ±20%

Testing: Tested on a HP4287A at specified frequency

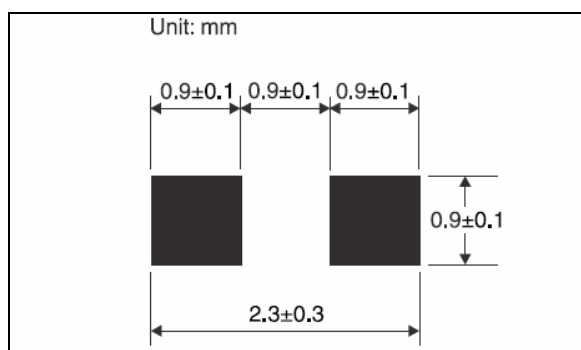
Packaging: Tape & Reel

Marking: Reels are marked with inductance code and tolerance

Additional Information: Additional electrical & physical
information available upon request

Samples available. See website for ordering information.

PAD LAYOUT



SPECIFICATIONS

Part numbers indicate tolerance available.

J = ±5% , K = ±10% , M = ±20%

Part Number	Inductance (nH)	L Test Freq. (MHz)	Q Nom.	Q Test Freq. (MHz)	SRF Typ. (MHz)	DCR Max. (Ω)	Rated dc Max. (mA)
GVLC0603-1N0M	1.0	100	30	1000	6000	0.06	500
GVLC0603-1N2M	1.2	100	30	1000	6000	0.06	500
GVLC0603-1N5M	1.5	100	30	1000	6000	0.07	500
GVLC0603-1N8K	1.8	100	30	1000	6000	0.08	500
GVLC0603-2N2K	2.2	100	30	1000	6000	0.09	500
GVLC0603-2N7K	2.7	100	30	1000	6000	0.10	500
GVLC0603-3N3K	3.3	100	30	1000	5500	0.12	500
GVLC0603-3N9J	3.9	100	30	1000	5500	0.15	450
GVLC0603-4N7J	4.7	100	30	1000	4800	0.17	450
GVLC0603-5N6J	5.6	100	30	1000	4600	0.18	430
GVLC0603-6N8J	6.8	100	30	1000	3550	0.20	400
GVLC0603-8N2J	8.2	100	30	1000	3500	0.28	400
GVLC0603-10NJ	10.0	100	30	500	2800	0.32	400
GVLC0603-12NJ	12.0	100	30	500	2800	0.35	350
GVLC0603-15NJ	15.0	100	30	500	2500	0.41	350
GVLC0603-18NJ	18.0	100	30	500	2300	0.45	300
GVLC0603-22NJ	22.0	100	30	500	2000	0.50	300
GVLC0603-27NJ	27.0	100	30	500	2000	0.55	300
GVLC0603-33NJ	33.0	100	30	500	1800	0.60	300
GVLC0603-39NJ	39.0	100	30	500	1800	0.80	250
GVLC0603-47NJ	47.0	100	30	500	1800	0.95	250
GVLC0603-56NJ	56.0	100	30	500	1800	1.20	250
GVLC0603-68NJ	68.0	100	30	500	1500	1.30	250
GVLC0603-82NJ	82.0	100	30	500	1500	1.50	250
GVLC0603-R10J	100.0	100	30	500	1300	1.80	200

PHYSICAL DIMENSIONS

Size	A	B	C	D
mm	1.6±0.2	0.8±0.2	0.8±0.2	0.4
inches	0.06±0.008	0.03±0.008	0.03±0.008	0.016

