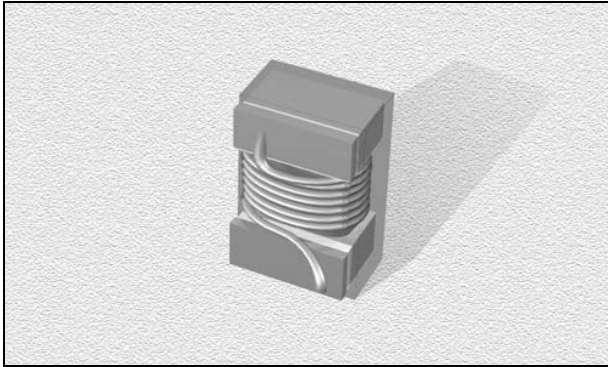


# SMD Wire-wound Chip Inductors

ginvanix.com

## GV1008LS Series

From 1.5  $\mu\text{H}$  to 10  $\mu\text{H}$



### SPECIFICATIONS

Parts are available in  $\pm 10\%$  tolerance only.

GV1008LSE Please specify "F" for RoHS compliant

Part Number	Inductance ( $\mu\text{H}$ )	L Test Freq. (MHz)	Q Fact. Min.	Q Test Freq. (MHz)	SRF Min. (MHz)	DCR Max. ( $\Omega$ )	Rated DC (mA)
GV1008LS_-152K	1.5	7.9	25	7.9	190	0.76	630
GV1008LS_-182K	1.8	7.9	25	7.9	170	0.84	600
GV1008LS_-222K	2.2	7.9	25	7.9	150	1.10	520
GV1008LS_-272K	2.7	7.9	25	7.9	135	1.28	490
GV1008LS_-332K	3.3	7.9	25	7.9	120	1.46	450
GV1008LS_-392K	3.9	7.9	25	7.9	105	1.56	420
GV1008LS_-472K	4.7	7.9	25	7.9	90	1.68	400
GV1008LS_-562K	5.6	7.9	25	7.9	80	1.82	380
GV1008LS_-682K	6.8	7.9	25	7.9	70	2.00	360
GV1008LS_-822K	8.2	7.9	25	7.9	65	2.65	330
GV1008LS_-103K	10	7.9	25	7.9	60	2.95	300

### PHYSICAL DIMENSIONS

Size	A	B	C	D	E	F	G	H
mm	2.73	2.84	2.04	1.40	0.54	2.1	1.2	0.3
inches	0.107	0.112	0.080	0.055	0.021	0.083	0.047	0.012

### CHARACTERISTICS

**Description:** SMD ferrite core wire-wound chip inductor

**Applications:** LC resonant circuits such as oscillator and signal generators, impedance matching, circuit isolation, RF filters, disk drives and computer peripherals, audio and video equipment, TV, radio and telecommunication equipment

**Operating Temperature:**  $-55^{\circ}\text{C}$  to  $+85^{\circ}\text{C}$

**Inductance Tolerance:**  $\pm 10\%$

**Testing:** Inductance and Q are tested on an HP4286A at specified frequency

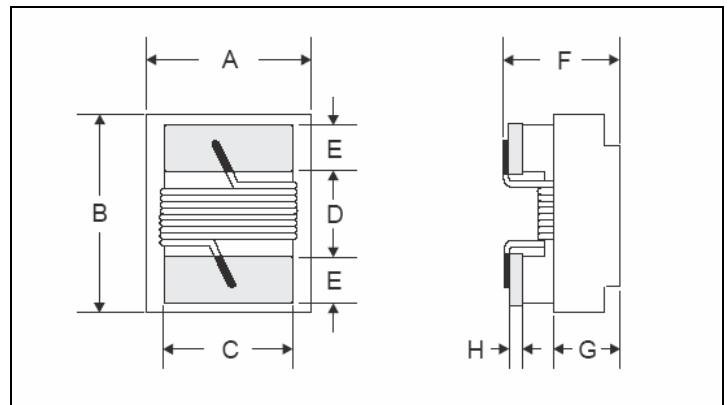
**Packaging:** Tape & Reel, 2,000 parts per reel

**Miscellaneous:** RoHS Compliant available.

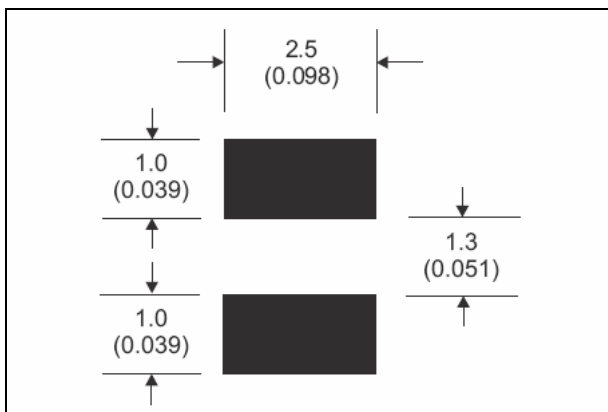
**Marking:** Parts are marked with inductance code

**Additional Information:** Additional electrical & physical information available upon request

Samples available. See website for ordering information.



### PAD LAYOUT



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