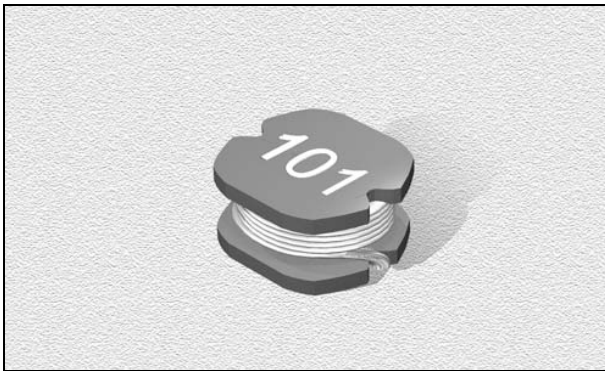


## GVGS104 Series

From 10  $\mu$ H to 560  $\mu$ H



### SPECIFICATIONS

Parts are marked to indicate tolerance available.

K =  $\pm$ 10%, M =  $\pm$ 20%

GVGS104E Please specify "F" for RoHS compliant

Part Number	Inductance ( $\mu$ H)	L Test Freq. (kHz)	DCR Max. ( $\Omega$ )	Rated DC (A)
CTGS104_-100M	10	2.52M	0.05	2.38
CTGS104_-120M	12	2.52M	0.06	2.13
CTGS104_-150M	15	2.52M	0.07	1.87
CTGS104_-180M	18	2.52M	0.08	1.73
CTGS104_-220M	22	2.52M	0.09	1.60
CTGS104_-270M	27	2.52M	0.10	1.44
CTGS104_-330M	33	2.52M	0.12	1.26
CTGS104_-390M	39	2.52M	0.15	1.20
CTGS104_-470M	47	2.52M	0.17	1.10
CTGS104_-560K	56	2.52M	0.20	1.01
CTGS104_-680K	68	2.52M	0.22	0.91
CTGS104_-820K	82	2.52M	0.25	0.85
CTGS104_-101K	100	1.0k	0.34	0.74
CTGS104_-121K	120	1.0k	0.40	0.69
CTGS104_-151K	150	1.0k	0.54	0.61
CTGS104_-181K	180	1.0k	0.62	0.56
CTGS104_-221K	220	1.0k	0.72	0.53
CTGS104_-271K	270	1.0k	0.95	0.45
CTGS104_-331K	330	1.0k	1.10	0.42
CTGS104_-391K	390	1.0k	1.24	0.38
CTGS104_-471K	470	1.0k	1.53	0.35
CTGS104_-561K	560	1.0k	1.90	0.32

### CHARACTERISTICS

**Description:** SMD power inductor

**Applications:** VTR power supplies, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters

**Operating Temperature:** -30°C to +100°C

**Inductance Tolerance:**  $\pm$ 10%,  $\pm$ 20%

**Testing:** Inductance is tested on an HP4284A or HP4285A at specified frequency

**Packaging:** Tape & Reel

**Marking:** Marked with inductance code

**Rated DC:** The value of current when the inductance is 10% lower than its initial value at 0 Adc or D.C. current when at  $\Delta T = 40^\circ\text{C}$  whichever is lower

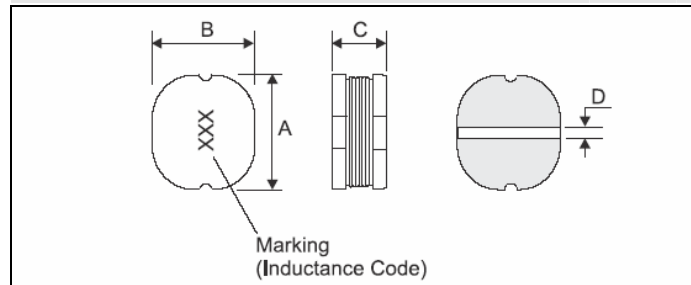
**Miscellaneous:** RoHS Compliant available.

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

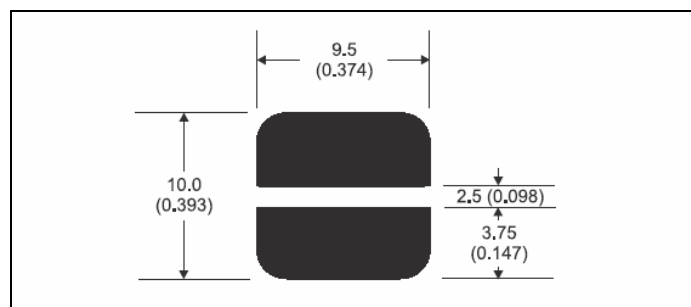
**Samples available. See website for ordering information.**

### PHYSICAL DIMENSIONS

Size	A	B	C	D
mm	10 $\pm$ 0.3	9 $\pm$ 0.3	4.2 $\pm$ 0.5	Typ. 2.1
inches	0.39 $\pm$ 0.012	0.35 $\pm$ 0.012	0.17 $\pm$ 0.020	0.083



### PAD LAYOUT



# Power Inductors – Unshielded

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[ginvanix.com](http://ginvanix.com)



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