

## GV1604T Series

From 1.2  $\mu\text{H}$  to 330  $\mu\text{H}$



### SPECIFICATIONS

Parts are available in  $\pm 20\%$  tolerance only.

Part Number	Inductance ( $\mu\text{H}$ )	L Test Freq. (kHz)	DCR Max. ( $\Omega$ )	IDC Max. (A)
GVDO1604T-1R2M	1.2	100	0.080	0.55
GVDO1604T-1R5M	1.5	100	0.100	0.54
GVDO1604T-2R2M	2.2	100	0.120	0.53
GVDO1604T-3R3M	3.3	100	0.160	0.45
GVDO1604T-4R7M	4.7	100	0.200	0.43
GVDO1604T-6R8M	6.8	100	0.320	0.38
GVDO1604T-100M	10	100	0.410	0.30
GVDO1604T-150M	15	100	0.550	0.27
GVDO1604T-220M	22	100	0.850	0.22
GVDO1604T-330M	33	100	1.300	0.18
GVDO1604T-470M	47	100	1.800	0.14
GVDO1604T-680M	68	100	2.500	0.12
GVDO1604T-101M	100	100	3.500	0.095
GVDO1604T-151M	150	100	5.000	0.075
GVDO1604T-221M	220	100	7.000	0.060
GVDO1604T-331M	330	100	15.000	0.045

### PHYSICAL DIMENSIONS

Size	A	B	C	D	E	F
	Max.		Max.			Max.
mm	6.4	1.8 $\pm$ 0.3	5.5	0.8 $\pm$ 0.3	4.8 $\pm$ 0.3	1.0
inches	0.252	0.071 $\pm$ 0.012	0.217	0.031 $\pm$ 0.012	0.189 $\pm$ 0.012	0.039

### CHARACTERISTICS

**Description:** SMD power inductor

**Applications:** Notebook computers, Step-up and step-down converters, Flash, Memory programmers, etc. Used in limited spaces and ultra-low profiles

**Operating Temperature:**  $-40^{\circ}\text{C}$  to  $+85^{\circ}\text{C}$

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

**Inductance Drop:** 10% typ. at IDC

**Testing:** Inductance is tested on an HP4285A at 100 kHz, 0.1V

**Packaging:** Tape & Reel

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

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

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

### PAD LAYOUT

