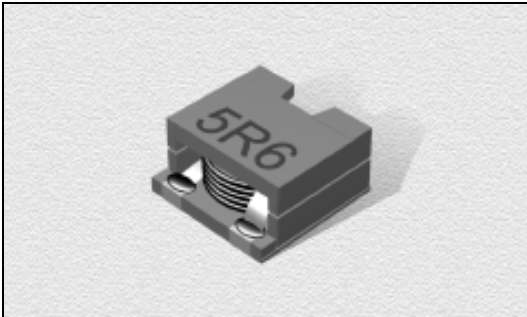


Power Inductors – Shielded

ginvanix.com

GVEP125H Series

From 1.0 μH to 7.2 μH



CHARACTERISTICS

Description: SMD shielded power inductor

Applications: Power supplies for VTR, OA equipment, LCD

televisions, PC notebooks, portable communication equipment,

DC/DC converters, etc.

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

Inductance Tolerance: $\pm 20\%$

Testing: Tested on a HP4285A at 100 KHz, 0.25Vrms, 0Adc

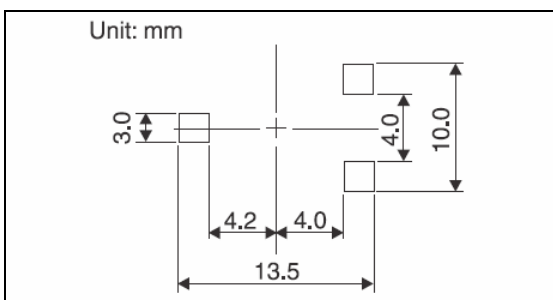
Packaging: Tape & Reel

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



SPECIFICATIONS

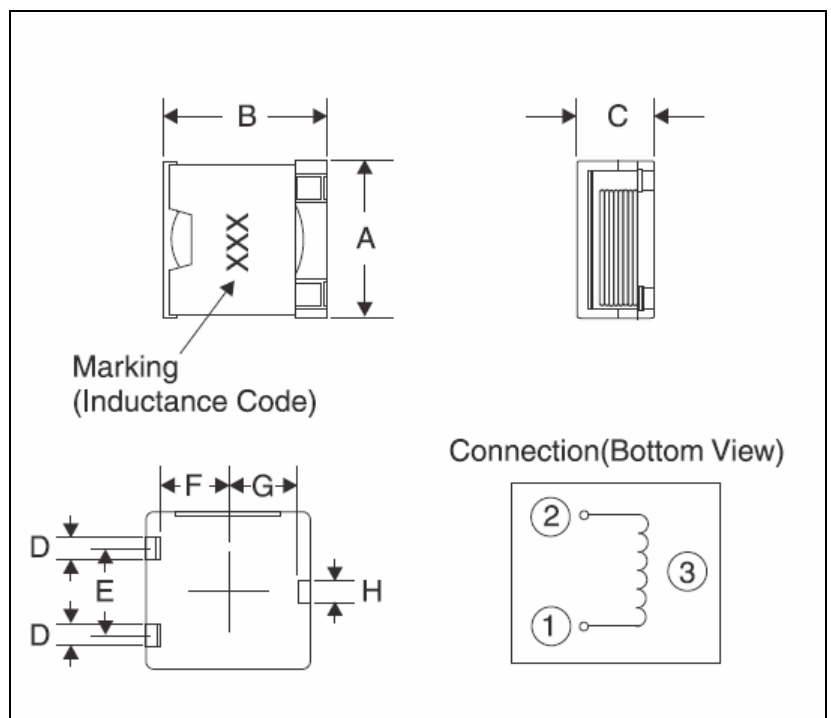
Parts are available in $\pm 20\%$ only.

* This indicates the value of current when the inductance is over 75% of the nominal value.

Part Number	Inductance ($\mu\text{H} \pm 20\%$)	L Test Freq. (kHz)	DCR Max. ($\text{m}\Omega$)	*Current (A)
GVEP125H-1R0	1.0	100	2.5	20
GVEP125H-1R8	1.8	100	3.4	15.3
GVEP125H-2R8	2.8	100	5.4	12.3
GVEP125H-4R0	4.0	100	8.0	10.3
GVEP125H-5R6	5.6	100	11.4	8.8
GVEP125H-7R2	7.2	100	13.5	7.8

PHYSICAL DIMENSIONS

Size	A	B	C	D	E	F	G	H
			Max.					
mm	12.5 \pm 0.4	12.5 \pm 0.4	5.6	2.6 \pm 0.2	7.0 \pm 0.2	4.0 \pm 0.2	4.2 \pm 0.2	2.5 \pm 0.2
inches	.50 \pm 0.02	.50 \pm 0.02	.22	.10 \pm 0.01	.28 \pm 0.01	.16 \pm 0.01	0.17 \pm 0.01	.10 \pm 0.01



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