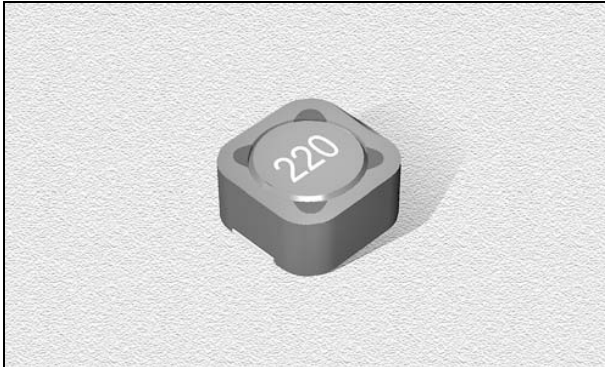


## GVCDRH127 Series

From 1.2  $\mu$ H to 1,000  $\mu$ H



### 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:** -40°C to +125°C

**Inductance Tolerance:**  $\pm 5\%$ ,  $\pm 10\%$ ,  $\pm 15\%$ ,  $\pm 20\%$ ,  $+40\%$  -20%

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

**Packaging:** Tape & Reel

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

**Miscellaneous:** RoHS Compliant available. Magnetically shielded  
**Additional Information:** Additional electrical & physical information available upon request

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

### SPECIFICATIONS

Please specify tolerance code when ordering.

GVCDRH127-560\_ ← J =  $\pm 5\%$ , K =  $\pm 10\%$  L =  $\pm 15\%$  M =  $\pm 20\%$ , N =  $+40\%$  -20%

GVCDRH127E Please specify "F" for RoHS compliant

Part Number	Inductance ( $\mu$ H)	L Test Freq. (kHz)	DCR Max. (m $\Omega$ )	IDC Max. (A)
GVCDRH127_-1R2N	1.2	100	7.0	9.80
GVCDRH127_-2R4N	2.4	100	11.5	8.00
GVCDRH127_-3R5N	3.5	100	13.5	7.50
GVCDRH127_-4R7N	4.7	100	15.8	6.80
GVCDRH127_-6R1N	6.1	100	17.6	6.60
GVCDRH127_-7R6N	7.6	100	20.0	5.90
GVCDRH127_-100M	10	1.0	21.6	5.40
GVCDRH127_-120M	12	1.0	24.3	4.90
GVCDRH127_-150M	15	1.0	27.0	4.50
GVCDRH127_-180M	18	1.0	39.2	3.90
GVCDRH127_-220M	22	1.0	43.2	3.60
GVCDRH127_-270M	27	1.0	45.9	3.40
GVCDRH127_-330M	33	1.0	64.8	3.00
GVCDRH127_-390M	39	1.0	72.9	2.75
GVCDRH127_-470M	47	1.0	100	2.50
GVCDRH127_-560_	56	1.0	110	2.35
GVCDRH127_-680_	68	1.0	140	2.10
GVCDRH127_-820_	82	1.0	160	1.95
GVCDRH127_-101_	100	1.0	220	1.70
GVCDRH127_-121_	120	1.0	250	1.60
GVCDRH127_-151_	150	1.0	280	1.42
GVCDRH127_-181_	180	1.0	350	1.30
GVCDRH127_-221_	220	1.0	390	1.16
GVCDRH127_-271_	270	1.0	560	1.06
GVCDRH127_-331_	330	1.0	640	0.95
GVCDRH127_-391_	390	1.0	700	0.88
GVCDRH127_-471_	470	1.0	980	0.79
GVCDRH127_-561_	560	1.0	1070	0.73
GVCDRH127_-681_	680	1.0	1460	0.67
GVCDRH127_-821_	820	1.0	1640	0.60
GVCDRH127_-102_	1000	1.0	1820	0.55

### PHYSICAL DIMENSIONS

Size	A	B	C	D
mm	12.5	8	7.6 $\pm$ 0.2	5 $\pm$ 0.2
inches	0.492	0.314	0.3 $\pm$ 0.007	0.2 $\pm$ 0.007

