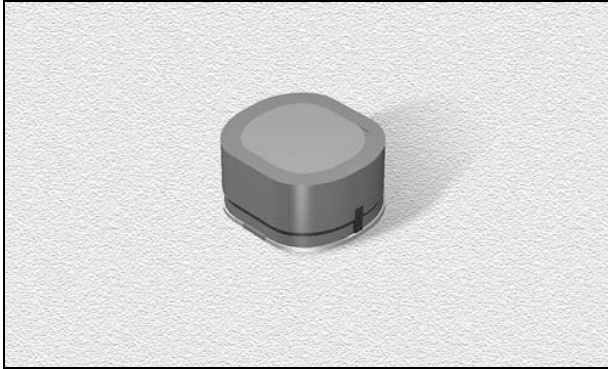


GVGSR105B Series

From 10 μH to 470 μH



SPECIFICATIONS

Parts specify tolerance code when ordering.
 GVGSR105B-100_ ← L = $\pm 15\%$, M = $\pm 20\%$ & N = $\pm 30\%$
 GVGSR105BE Please specify "F" for RoHS compliant

Part Number	Inductance (μH)	L Test Freq. (kHz)	DCR Max. (Ω)	Rated DC (A)
GVGSR105B_-100_	10	2.52M	0.06	2.06
GVGSR105B_-120_	12	2.52M	0.07	1.94
GVGSR105B_-150_	15	2.52M	0.07	1.72
GVGSR105B_-180_	18	2.52M	0.08	1.58
GVGSR105B_-220_	22	2.52M	0.08	1.42
GVGSR105B_-270_	27	2.52M	0.10	1.32
GVGSR105B_-330_	33	2.52M	0.11	1.16
GVGSR105B_-390_	39	2.52M	0.12	1.10
GVGSR105B_-470_	47	2.52M	0.14	1.00
GVGSR105B_-560_	56	2.52M	0.19	0.93
GVGSR105B_-680_	68	2.52M	0.21	0.85
GVGSR105B_-820_	82	2.52M	0.28	0.79
GVGSR105B_-101_	100	1.00k	0.34	0.72
GVGSR105B_-121_	120	1.00k	0.37	0.63
GVGSR105B_-151_	150	1.00k	0.51	0.55
GVGSR105B_-181_	180	1.00k	0.57	0.50
GVGSR105B_-221_	220	1.00k	0.78	0.47
GVGSR105B_-271_	270	1.00k	0.87	0.41
GVGSR105B_-331_	330	1.00k	1.20	0.37
GVGSR105B_-391_	390	1.00k	1.34	0.35
GVGSR105B_-471_	470	1.00k	1.50	0.33

CHARACTERISTICS

Description: SMD shielded power inductor

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

Operating Temperature: -20°C to $+85^{\circ}\text{C}$

Inductance Tolerance: $\pm 10\%$, $\pm 15\%$, $\pm 20\%$ & $\pm 30\%$

Testing: Inductance is tested on an HP4285A at specified frequency

Packaging: Tape & Reel, 500 parts per reel

Miscellaneous: RoHS Compliant available.

Marking: Marked with inductance code

Additional Information: Additional electrical & physical information available upon request

Samples available. See website for ordering information.

PHYSICAL DIMENSIONS

Size	A	B	C	D
mm	9.0 ± 0.5	10.0 ± 0.5	5.0 ± 0.5	2.9 (Ref.)
inches	0.35 ± 0.02	0.39 ± 0.02	0.20 ± 0.02	0.08

