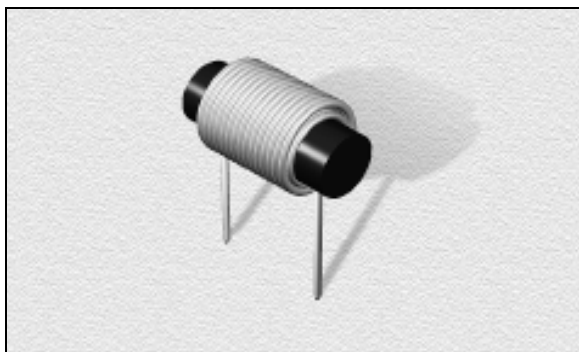


GVHR Series

From 5 μ H to 250 μ H



SPECIFICATIONS

Part Number	Inductance (μ H)	DCR Max. (Ω)	Rated (A)	Incr (A)
GVHR3-50K	5.0	0.015	10.0	25
GVHR3-100K	10	0.018	9.0	19
GVHR3-270K	27	0.035	7.0	12
GVHR3-500	50	0.050	5.6	8.0
GVHR3-101	100	0.065	5.2	6.0
GVHR3-151	150	0.075	5.0	5.0
GVHR3-251	250	0.090	5.0	4.0
GVHR5-50	5.0	0.012	14.0	25
GVHR5-100	10	0.015	12.0	19
GVHR5-270	27	0.025	9.0	13
GVHR5-500	50	0.030	8.0	10
GVHR5-680	68	0.035	7.5	9.0
GVHR5-101	100	0.050	7.5	7.0
GVHR5-151	150	0.060	7.0	5.0
GVHR10-50	5.0	0.010	19.0	25
GVHR10-100	10	0.012	16.0	19
GVHR10-270	27	0.018	12.5	12
GVHR10-500	50	0.025	11.0	10
GVHR10-680	68	0.027	10.0	8.0
GVHR10-101	100	0.030	10.0	7.0
GVHR15-50	5.0	0.008	24.0	25
GVHR15-100	10	0.010	20.0	19
GVHR15-270	27	0.015	16.0	14
GVHR15-500	50	0.020	15.0	10

CHARACTERISTICS

Description: High current filter inductor.

Applications: Noise filtering for switching regulators, power amplifiers, power supplies, and SCR and Triac control circuits.

Operating Temperature: -55°C to +125°C (no load)
-55°C to +75°C (at full rated current).

Inductance Tolerance: K = \pm 10%

Inductance: Measured at 1.0 volt with zero DC current.

Packaging: Bulk pack.

Testing: Inductance is tested on an HP4262A at 1.0 kHz.

Sleeving: Flame retardant polyolefin UL type VW-1 per MIL-I-23053/5, marked with inductance and tolerance.

Additional Information: Additional electrical & physical information available upon request

Samples available. See website for ordering information.

PHYSICAL DIMENSIONS

Part #	A Max.	B Max.	C Max.	D Max.
GVHR3-50K	0.875	0.600	0.500	0.042
GVHR3-100K	1.125	0.625	0.687	0.042
GVHR3-270K	0.875	0.800	0.437	0.042
GVHR3-500K	0.875	0.800	0.750	0.042
GVHR3-101K	1.125	0.800	0.937	0.042
GVHR3-151K	1.375	0.800	1.062	0.042
GVHR3-251K	1.625	0.800	1.312	0.042
GVHR5-50K	0.875	0.625	0.750	0.058
GVHR5-100K	1.125	0.625	1.000	0.058
GVHR5-270K	0.875	0.840	0.562	0.058
GVHR5-500K	1.125	0.840	0.750	0.058
GVHR5-680K	1.125	0.860	0.875	0.058
GVHR5-101K	1.375	0.860	1.000	0.058
GVHR5-151K	1.625	0.860	1.250	0.058
GVHR10-50K	1.125	0.635	0.812	0.065
GVHR10-100K	1.375	0.635	1.218	0.065
GVHR10-270K	1.125	0.935	0.687	0.065
GVHR10-500K	1.375	0.935	0.937	0.065
GVHR10-680K	1.375	0.935	1.125	0.065
GVHR10-101K	1.625	0.935	1.312	0.065
GVHR15-50K	1.375	0.700	0.937	0.082
GVHR15-100K	1.687	0.700	1.50	0.082
GVHR15-270K	1.375	1.000	0.937	0.082
GVHR15-500K	1.625	1.000	1.125	0.082

