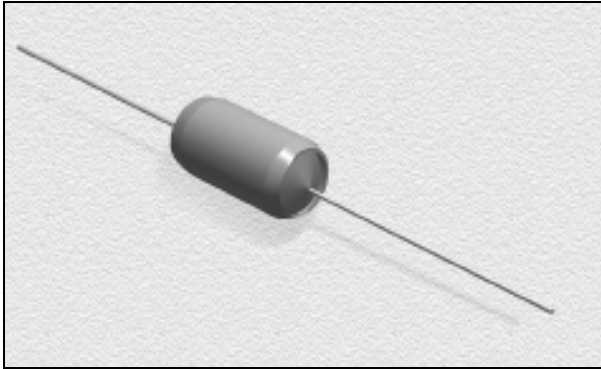


Shielded Inductors - Axial

ginvanix.com

GVS5 Series

From 1 μ H to 100 μ H



CHARACTERISTICS

Description: Axial leaded molded (shielded) inductor
Applications: Used for high reliability applications. Vital for telecommunication applications. Ideal for various RF applications
Operating Temperature: -55°C to +105°C
Inductance Tolerance: $\pm 5\%$ & $\pm 10\%$
Testing: Inductance and Q are tested on an HP4285A at specified frequency
Packaging: Bulk pack, 500 parts per bag, Tape & Reel, 2,500 parts per reel
Current Rating: Based on .33 watt power dissipation for approximately 20°C temperature rise
Marking: Printed with part value
Testing: Inductance is measured on an HP4285A at 1 kHz
Leads: Soft copper and pre-tinned
Additional Information: Additional electrical & physical information available upon request
Samples available. See website for ordering information.

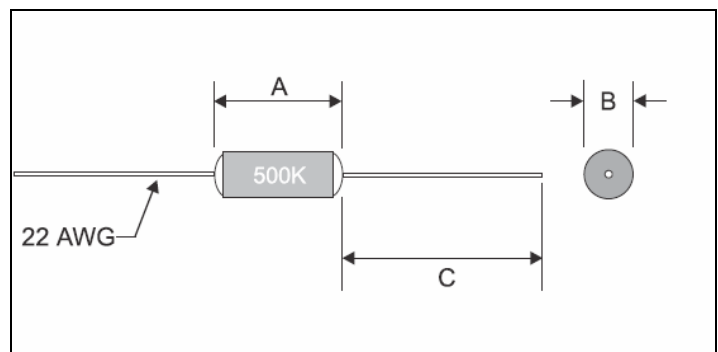
SPECIFICATIONS

Please specify tolerance code when ordering.
 GVS5-1R0_ ← J = $\pm 5\%$, K = $\pm 10\%$

Part Number	Inductance (μ H)	L Test Freq. (MHz)	Q Factor Min.	Q Test Freq. (MHz)	SRF Min. (MHz)	DCR Max. (Ω)	Rated DC (mA)
GVS5-1R0_	1.0	7.9	55	7.9	200	.05	2200
GVS5-2R5_	2.5	7.9	45	7.9	115	.08	1700
GVS5-5R0_	5.0	7.9	35	7.9	90	.12	1400
GVS5-100_	10	2.5	65	2.5	55	.42	770
GVS5-250_	25	2.5	55	2.5	35	.80	560
GVS5-500_	50	2.5	60	2.5	27	1.50	400
GVS5-101_	100	2.5	70	2.5	20	3.10	280

PHYSICAL DIMENSIONS

Size	A Max.	B Max.	C Typ.	22 AWG
mm	11.4 \pm 0.25	3.81 \pm 0.25	29.2	0.6430
inches	0.45 \pm 0.010	0.15 \pm 0.010	1.15	0.02535



Ginvanix Electronics Corp.

180, Minsheng St., 303, Hukou, Hsinchu, Taiwan
 Tel: +886-3-5999899; Fax: +886-3-5901484; info@ginvanix.com