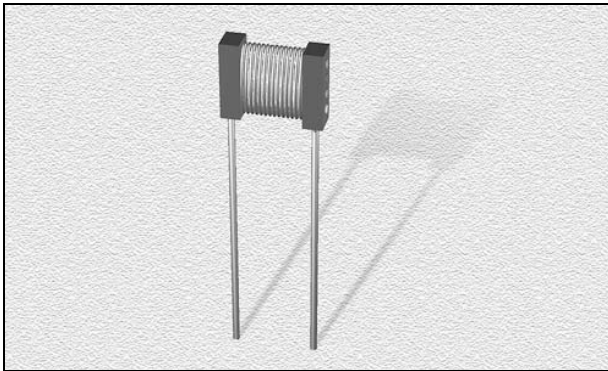


GVFC Series

From 1.0 mH to 10,000 mH

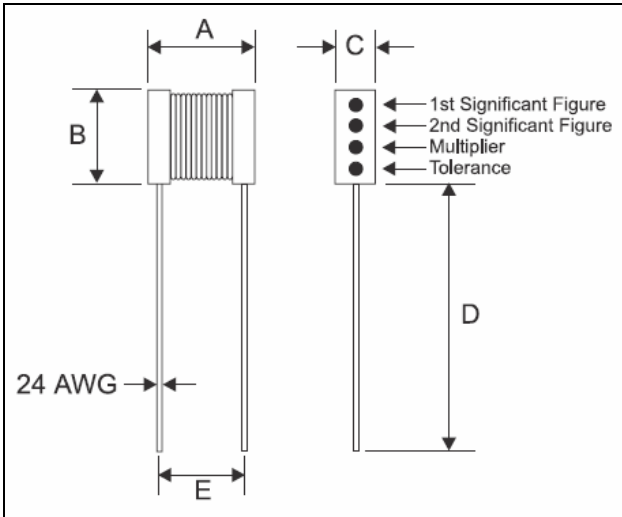


CHARACTERISTICS

- Operating Temperature:** -20°C to +100°C
- Inductance Tolerance:** K = ±10%
- Packaging:** Bulk pack, 500 parts per bag
- Marking:** Color dots, EIA standard
- Testing:** Tested on an HP4285A at specified frequency
- Leads:** Soft copper and pre-tinned
- Miscellaneous:** RoHS Compliant available.

PHISICAL DIMENSIONS

Size	A	B	C	D	E	24 AWG
	Max.		Typ.			Nom.
mm	10.1	8.90 ± 1.30	3.81 ± 0.76	25.4	8.90 ± 1.30	0.5110
inches	0.40	0.35 ± 0.05	0.15 ± 0.03	1.00	0.35 ± 0.05	0.02010



SPECIFICATIONS

GVFCE Please specify "F" for RoHS compliant

Part Number	Inductance (µH)	Q Factor Min.	DCR Max. (Ω)	Test Freq. (MHz)	Rated DC Max. (A)
GVFC_-1R0K	1.0	85	.01	7.9	7.0
GVFC_-1R2K	1.2	39	.01	7.9	6.0
GVFC_-1R5K	1.5	33	.01	7.9	5.0
GVFC_-1R8K	1.8	37	.02	7.9	4.8
GVFC_-2R2K	2.2	38	.02	7.9	4.4
GVFC_-2R5K	2.5	40	.03	7.9	4.1
GVFC_-2R7K	2.7	43	.03	7.9	4.0
GVFC_-3R3K	3.3	35	.03	7.9	3.7
GVFC_-3R9K	3.9	37	.05	7.9	3.4
GVFC_-4R7K	4.7	37	.05	7.9	3.2
GVFC_-5R0K	5.0	40	.08	7.9	2.9
GVFC_-5R6K	5.6	38	.09	7.9	2.8
GVFC_-6R8K	6.8	29	.11	7.9	2.6
GVFC_-7R6K	7.3	30	.11	7.9	2.5
GVFC_-8R2K	8.2	32	.11	7.9	2.2
GVFC_-100K	10	80	.19	7.9	2.1
GVFC_-120K	12	40	.14	2.5	2.0
GVFC_-150K	15	40	.16	2.5	1.6
GVFC_-180K	18	40	.18	2.5	1.6
GVFC_-220K	22	40	.23	2.5	1.4
GVFC_-250K	25	50	.50	2.5	1.3
GVFC_-270K	27	50	.28	2.5	1.3
GVFC_-330K	33	45	.34	2.5	1.2
GVFC_-390K	39	45	.37	2.5	1.1
GVFC_-470K	47	45	.50	2.5	1.0
GVFC_-500K	50	40	1.1	2.5	1.0
GVFC_-560K	56	40	.69	2.5	.95
GVFC_-680K	68	40	.81	2.5	.90
GVFC_-750K	75	40	1.2	2.5	.86
GVFC_-820K	82	50	1.2	2.5	.86
GVFC_-101K	100	80	1.6	.79	.70
GVFC_-121K	120	70	1.7	.79	.65
GVFC_-151K	150	70	1.8	.79	.60
GVFC_-181K	180	70	2.1	.79	.58
GVFC_-221K	220	50	2.1	.79	.49
GVFC_-251K	250	40	2.7	.79	.49
GVFC_-271K	270	50	2.5	.79	.45
GVFC_-331K	330	50	3.3	.79	.41
GVFC_-391K	390	45	3.4	.79	.39
GVFC_-471K	470	40	5.3	.79	.35
GVFC_-501K	500	35	3.3	.79	.34
GVFC_-561K	560	40	5.4	.79	.32
GVFC_-681K	680	45	5.9	.79	.29
GVFC_-751K	750	30	4.2	.79	.28
GVFC_-821K	820	40	6.3	.79	.27
GVFC_-102K	1000	70	8.6	.25	.21
GVFC_-122K	1200	70	10	.25	.21
GVFC_-152K	1500	62	14	.25	.19
GVFC_-182K	1800	62	16	.25	.17
GVFC_-222K	2200	60	18	.25	.15
GVFC_-252K	2500	60	18	.25	.14
GVFC_-272K	2700	60	19	.25	.14
GVFC_-332K	3300	50	22	.25	.13
GVFC_-392K	3900	50	26	.25	.12
GVFC_-472K	4700	50	29	.25	.11
GVFC_-502K	5000	45	31	.25	.10
GVFC_-602K	6000	35	31	.25	.10
GVFC_-752K	7500	25	50	.25	.08
GVFC_-103K	10000	25	70	.25	.07



Ginvanix Electronics Corp.

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