

GVCTX-2 Series

From 0.42 μH to 300.8 μH



SPECIFICATIONS

Parts are available in $\pm 20\%$ tolerance only.

Part Number	OCL ($\mu\text{H}\pm 20\%$)	DCR Max. (Ω)	Full Load Current (Adc)	OCL ($\mu\text{H}\pm 20\%$)	DCR Max. (Ω)	Full Load Current (Adc)	Height C (mm)
GVCTX0.47-2	0.42	0.005	6.50	1.69	0.019	3.25	6.9
GVCTX0.68-2	0.75	0.006	5.50	3.01	0.024	2.75	6.9
GVCTX1-2	1.18	0.007	4.60	4.70	0.028	2.30	6.9
GVCTX2-2	2.30	0.010	4.50	9.21	0.038	2.25	6.9
GVCTX5-2	4.70	0.021	3.00	18.80	0.084	1.50	6.9
GVCTX8-2	7.94	0.027	2.60	31.77	0.108	1.30	6.9
GVCTX10-2	10.58	0.031	2.50	42.30	0.125	1.25	6.9
GVCTX15-2	15.23	0.059	1.70	60.91	0.236	0.85	6.9
GVCTX20-2	20.73	0.107	1.30	82.91	0.426	0.65	6.9
GVCTX25-2	24.86	0.117	1.00	99.45	0.466	0.50	6.9
GVCTX33-2	31.77	0.105	1.40	127.09	0.420	0.70	6.9
GVCTX50-2	51.18	0.210	0.92	204.73	0.839	0.46	6.9
GVCTX68-2	67.87	0.303	0.78	271.47	1.214	0.39	6.9
GVCTX100-2	99.45	0.457	0.63	397.81	1.828	0.32	5.0
GVCTX150-2	147.39	0.560	0.43	589.57	2.241	0.22	5.0
GVCTX200-2	198.58	0.796	0.39	794.30	3.184	0.20	5.0
GVCTX300-2	300.80	1.231	0.38	1203.20	4.929	0.19	5.0

PHYSICAL DIMENSIONS

Size	A	B	C	D	E	F
	Nom.	Nom.	Max.	Max.	Max.	Min.
mm	9.0	11.4	See ordering	3.05	3.56	0.762
inches	0.35	0.45	info	0.12	0.14	0.03

CHARACTERISTICS

Description: SMD 4 Pads Inductors

Applications: Single inductors, 1:1 coupled inductors, & 1:1 isolation transformers

Operating Temperature: -40°C to $+85^{\circ}\text{C}$

Storage Temperature: -40°C to $+125^{\circ}\text{C}$

Inductance Tolerance: $\pm 20\%$

Testing: Inductance is tested on an HP4285A at 100 kHz

Packaging: Bulk pack; packaged in plastic trays

Marking: Parts marked with inductance code & series type

Additional Information: Additional electrical & physical information available upon request

Samples available. See website for ordering information.

CONNECTION DIAGRAM

