

GVCTX-2A Series

From 0.284 μH to 303.7 μH



SPECIFICATIONS

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

Part Number	PARALLEL			SERIES			Height C (mm)
	OCL ($\mu\text{H} \pm 25\%$)	DCR Max. (Ω)	I _{rms} (A)	OCL ($\mu\text{H} \pm 25\%$)	DCR Max. (Ω)	I _{rms} (A)	
GVCTX0.33-2A	0.284	0.0033	10.9	1.14	0.0132	5.47	6.9
GVCTX0.68-2A	0.675	0.0045	9.4	2.70	0.0180	4.68	6.9
GVCTX1-2A	1.26	0.0058	8.22	5.06	0.0233	4.11	6.9
GVCTX2-2A	1.98	0.0090	6.74	7.90	0.035	3.37	6.9
GVCTX5-2A	5.06	0.021	4.34	20.22	0.084	2.17	5.0
GVCTX8-2A	7.90	0.032	3.50	31.60	0.129	1.75	5.0
GVCTX10-2A	11.38	0.047	2.89	45.50	0.188	1.45	5.0
GVCTX15-2A	15.48	0.054	2.69	61.94	0.218	1.35	5.0
GVCTX20-2A	20.22	0.078	2.24	80.90	0.313	1.12	5.0
GVCTX25-2A	25.60	0.111	1.89	102.38	0.443	0.94	5.0
GVCTX33-2A	34.84	0.162	1.56	139.40	0.649	0.78	5.0
GVCTX50-2A	49.38	0.240	1.28	197.50	0.961	0.64	5.0
GVCTX68-2A	66.44	0.342	1.07	265.80	1.367	0.54	5.0
GVCTX100-2A	102.38	0.695	0.75	409.50	2.778	0.38	5.0
GVCTX150-2A	152.90	0.842	0.68	611.80	3.366	0.34	5.0
GVCTX200-2A	197.50	0.950	0.64	790.00	3.800	0.32	5.0
GVCTX300-2A	303.70	1.174	0.58	1215.00	4.697	0.29	5.0

PHYSICAL DIMENSIONS

Size	A Nom.	B Nom.	C Max.	D Max.	E Max.	F 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°C

Storage Temperature: -40°C to +125°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

