

## GVCTX-1A Series

From 0.402  $\mu\text{H}$  to 300.8  $\mu\text{H}$



## SPECIFICATIONS

Parts are available in  $\pm 25\%$  tolerance only.

Part Number	PARALLEL			SERIES		
	OCL ( $\mu\text{H} \pm 25\%$ )	DCR Max. ( $\Omega$ )	I <sub>rms</sub> (A)	OCL ( $\mu\text{H} \pm 25\%$ )	DCR Max. ( $\Omega$ )	I <sub>rms</sub> (A)
GVCTX0.33-1A	0.402	0.0037	10.0	1.61	0.015	4.98
GVCTX0.68-1A	0.752	0.0046	9.0	3.01	0.0185	4.48
GVCTX1-1A	1.18	0.0070	7.26	4.70	0.0282	3.63
GVCTX2-1A	2.30	0.012	5.64	9.21	0.0470	2.82
GVCTX5-1A	4.70	0.020	4.27	18.80	0.082	2.13
GVCTX8-1A	7.94	0.033	3.37	31.77	0.130	1.69
GVCTX10-1A	10.58	0.046	2.84	42.30	0.183	1.42
GVCTX15-1A	15.23	0.087	2.07	60.91	0.348	1.03
GVCTX20-1A	20.73	0.127	1.71	82.91	0.507	0.86
GVCTX25-1A	24.86	0.173	1.46	99.45	0.693	0.73
GVCTX33-1A	34.26	0.249	1.22	137.10	0.995	0.61
GVCTX50-1A	51.18	0.381	0.99	204.70	1.524	0.49
GVCTX68-1A	67.87	0.437	0.92	271.50	1.749	0.46
GVCTX100-1A	99.45	0.686	0.74	397.80	2.745	0.37
GVCTX150-1A	147.40	0.832	0.67	589.60	3.329	0.33
GVCTX200-1A	198.60	0.963	0.62	794.30	3.854	0.31
GVCTX300-1A	300.80	1.181	0.56	1203.00	4.726	0.28

## CHARACTERISTICS

**Description:** SMD 4 Pads Inductors

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

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

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

**Inductance Tolerance:**  $\pm 25\%$

**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.**

## PHYSICAL DIMENSIONS

Size	A	B	C	D	E	F
	Nom.	Nom.	Max.	Max.	Max.	Min.
mm	9.0	11.4	5.12	3.05	3.56	0.762
inches	0.35	0.45	0.20	0.12	0.14	0.03

## CONNECTION DIAGRAM

