CTCTXF-4P Series

From 0.49µH to 298.93µH



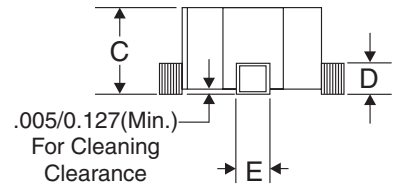
SPECIFICATIONS

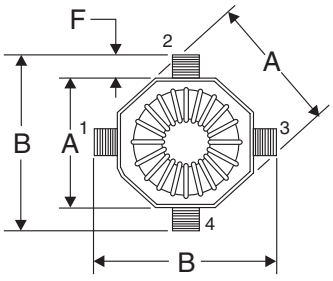
Parts are available in ±20% inductance tolerance only

Part Number	PARALLEL OCL (µH ±20%)	PARALLEL DCR Max. (Ω)	PARALLEL Full Load Current (Adc)	SERIES OCL (µH ±20%)	SERIES DCR Max. (Ω)	SERIES Full Load Current (Adc)
CTCTXF0.47-4P	0.49	0.005	7.90	1.95	0.019	3.95
CTCTXF0.68-4P	0.76	0.006	7.20	3.05	0.023	3.60
CTCTXF1-4P	1.10	0.008	5.90	4.39	0.033	2.95
CTCTXF2-4P	1.95	0.014	4.60	7.81	0.055	2.30
CTCTXF5-4P	5.15	0.027	3.30	20.62	0.107	1.65
CTCTXF8-4P	7.81	0.033	3.00	31.23	0.131	1.50
CTCTXF10-4P	9.88	0.047	2.50	39.53	0.187	1.25
CTCTXF15-4P	14.76	0.057	2.30	59.05	0.228	1.15
CTCTXF20-4P	20.62	0.084	1.90	82.47	0.337	0.95
CTCTXF25-4P	25.65	0.115	1.60	102.60	0.461	0.80
CTCTXF33-4P	33.21	0.166	1.30	132.86	0.662	0.65
CTCTXF50-4P	48.80	0.201	1.20	195.20	0.805	0.60
CTCTXF68-4P	67.37	0.238	1.10	269.50	0.952	0.55
CTCTXF100-4P	99.09	0.565	0.72	396.38	2.259	0.36
CTCTXF150-4P	149.45	0.696	0.64	597.80	2.784	0.32
CTCTXF200-4P	200.11	0.810	0.60	800.44	3.240	0.30
CTCTXF300-4P	298.93	1.003	0.54	1195.72	4.011	0.27

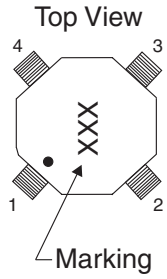
PHYSICAL DIMENSIONS

Size	A Nom.	B Nom.	C Max.	D Max.	E Max.	F Min.
mm	11.30	13.9	6.90	3.05	3.56	0.762
inches	0.44	0.55	0.27	0.12	0.14	0.03





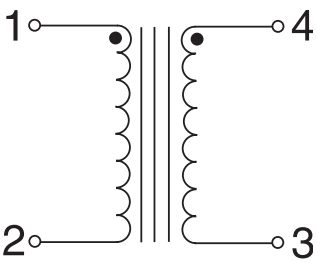
Bottom View



CHARACTERISTICS

Description: SMD Toroidal common mode choke
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: ±20%
Testing: Inductance is tested on a HP4285A at 100kHz
Packaging: Tape & Reel
Marking: Parts marked with inductance code
Miscellaneous: RoHS Compliant
Additional Information: Additional electrical & physical information available upon request
Samples available. See website for ordering information.

CONNECTION DIAGRAM



Copyright © 2020 by CT Magnetics, DBA Central Technologies. All rights reserved.
CT Magnetics reserves the right to make improvements or change specifications without notice