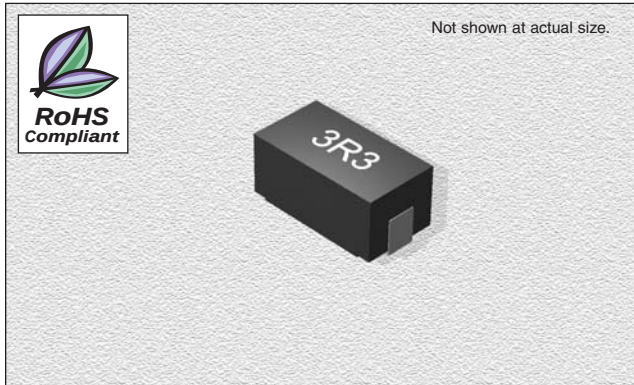


CTP1330F Series

From 1.0 μH to 1,000 μH



CHARACTERISTICS

Description: SMD Molded High Current Inductors

Applications: Excellent power line noise filters, filters for switching regulated power supplies, DC/DC converters, SCR and Triac controls and RFI suppression.

Operating Temperature: -55°C to +125°C

Inductance Tolerance: $\pm 10\%$

Incremental Current: The current at which the inductance will be decreased by a maximum of 5% from its initial zero DC value

Testing: Tested on a HP4284A at 1KHz

Packaging: Tape & Reel

Miscellaneous: RoHS Compliant.

Marking: Parts are marked with inductance code

Additional Information: Additional electrical & physical information available upon request

Samples available. See website for ordering information.

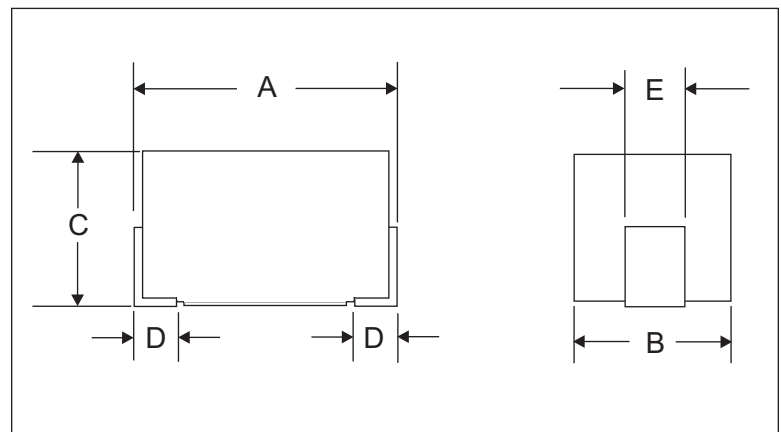
SPECIFICATIONS

Part numbers indicate tolerance available.
K = $\pm 10\%$

Part Number	Inductance (μH)	Test Freq. (KHz)	DCR Max. (Ω)	Incremental DC Current. (mA)	Rated DC Current (mA)
CTP1330F-102K	1.0	1.0	0.035	1526	2780
CTP1330F-122K	1.2	1.0	0.041	1400	2690
CTP1330F-152K	1.5	1.0	0.043	1291	2030
CTP1330F-182K	1.8	1.0	0.048	1180	1950
CTP1330F-222K	2.2	1.0	0.075	1104	1960
CTP1330F-272K	2.7	1.0	0.080	936	1550
CTP1330F-332K	3.3	1.0	0.108	840	1460
CTP1330F-392K	3.9	1.0	0.118	732	1390
CTP1330F-472K	4.7	1.0	0.125	720	1330
CTP1330F-562K	5.6	1.0	0.145	612	1110
CTP1330F-682K	6.8	1.0	0.165	600	1080
CTP1330F-822K	8.2	1.0	0.180	600	1020
CTP1330F-103K	10	1.0	0.216	564	946
CTP1330F-123K	12	1.0	0.252	516	912
CTP1330F-153K	15	1.0	0.288	432	858
CTP1330F-183K	18	1.0	0.328	420	817
CTP1330F-223K	22	1.0	0.384	348	694
CTP1330F-273K	27	1.0	0.425	324	657
CTP1330F-333K	33	1.0	0.538	270	568
CTP1330F-393K	39	1.0	0.600	270	488
CTP1330F-473K	47	1.0	0.792	246	467
CTP1330F-563K	56	1.0	0.900	216	442
CTP1330F-683K	68	1.0	1.020	174	384
CTP1330F-823K	82	1.0	1.380	150	362
CTP1330F-104K	100	1.0	1.680	132	347
CTP1330F-124K	120	1.0	1.800	111	327
CTP1330F-154K	150	1.0	2.040	106	272
CTP1330F-184K	180	1.0	2.400	89	261
CTP1330F-224K	220	1.0	2.648	72	223
CTP1330F-274K	270	1.0	4.320	60	191
CTP1330F-334K	330	1.0	4.800	57	179
CTP1330F-394K	390	1.0	5.640	48	171
CTP1330F-474K	470	1.0	6.000	41	161
CTP1330F-564K	560	1.0	6.960	35	138
CTP1330F-684K	680	1.0	8.760	30	130
CTP1330F-824K	820	1.0	9.960	26	113
CTP1330F-105K	1000.0	1.0	11.160	22	105

PHYSICAL DIMENSIONS

Size	A	B	C	D	E
mm	7.6-8.2	2.7-3.8	3.1-3.6	1.9 $\pm$ 0.25	1.0-2.0
inches	0.300-0.326	0.110-0.150	0.125-0.145	0.075 $\pm$ 0.010	0.040-0.080



11.28.06