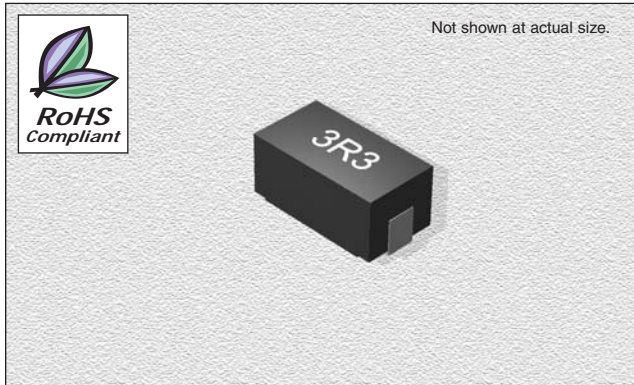


CTP1330F Series

From 1.0 μH to 1,000 μH

SPECIFICATIONS

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



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 $+125^{\circ}\text{C}$

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

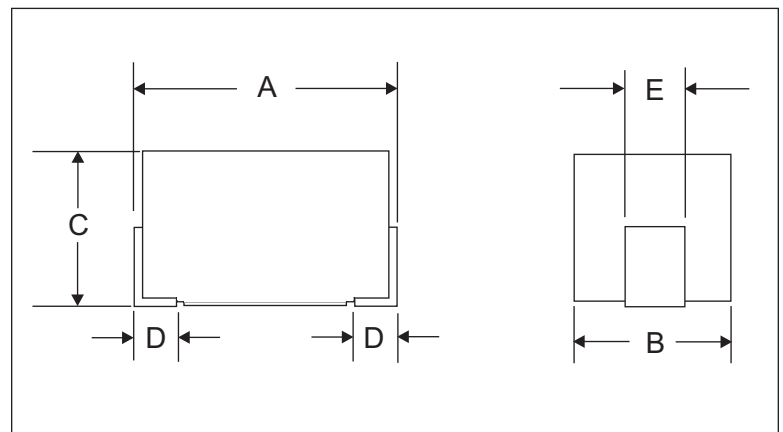
Additional Information: Additional electrical & physical information available upon request

Samples available. See website for ordering information.

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