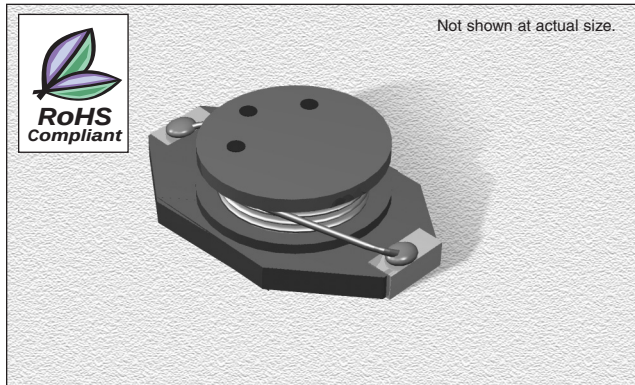


CTDO3308F Series

From 4.7 μH to 1,000 μH



CHARACTERISTICS

Description: SMD power inductor

Applications: DC/DC converters, computers, LCD displays, telecommunication equipment and PDA palm tops.

Operating Temperature: -40°C to +85°C

Inductance Tolerance: $\pm 20\%$

Inductance Drop: 10% typically at I_{sat}

Testing: Inductance is tested on an HP4285A at 100 kHz

Packaging: Tape & Reel

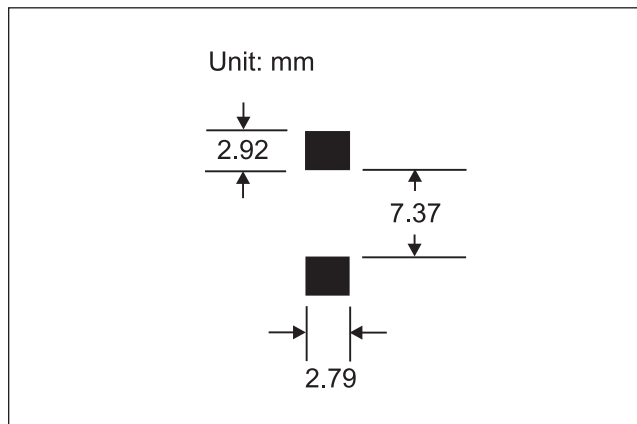
Marking: Color dots or Inductance code

Miscellaneous: RoHS Compliant.

Additional Information: Additional electrical & physical information available upon request

Samples available. See website for ordering information.

PAD LAYOUT



SPECIFICATIONS

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

Part Number	Inductance (μH)	L Test Freq. (kHz)	DCR Max. (Ω)	I_{sat} (A)	I_{rms} (A)
CTDO3308PF-472	4.7	100	0.036	4.2	3.2
CTDO3308PF-682	6.8	100	0.060	3.9	2.6
CTDO3308PF-103	10	100	0.085	2.7	2.3
CTDO3308PF-153	15	100	0.12	2.3	1.9
CTDO3308PF-223	22	100	0.18	1.8	1.5
CTDO3308PF-333	33	100	0.25	1.6	1.2
CTDO3308PF-473	47	100	0.32	1.3	1.0
CTDO3308PF-683	68	100	0.54	1.1	0.9
CTDO3308PF-104	100	100	0.69	0.87	0.73
CTDO3308PF-154	150	100	0.94	0.74	0.62
CTDO3308PF-224	220	100	1.60	0.56	0.51
CTDO3308PF-334	330	100	2.15	0.50	0.40
CTDO3308PF-474	470	100	3.30	0.40	0.33
CTDO3308PF-684	680	100	4.40	0.33	0.28
CTDO3308PF-105	1000	100	7.00	0.29	0.23

PHYSICAL DIMENSIONS

Size	A Max.	B Max.	C Max.	D	E	F
mm	12.95	9.4	3	2.54	2.54	7.62
inches	0.51	0.37	0.12	0.1	0.1	0.3

Parts will be marked with
Significant Digit Dots OR Inductance Code

