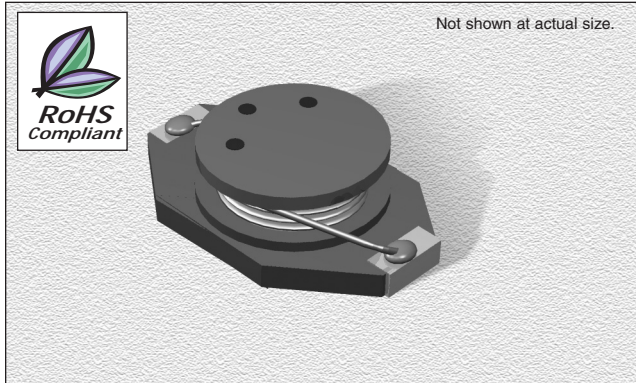


CTDO3308F Series

From 4.7 μH to 1,000 μH



SPECIFICATIONS

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

Part Number	Inductance (μH)	L Test Freq. (kHz)	DCR (Ω)	Isat (A)	Irms (A)
CTDO3308PF-472	4.7	100	.04	4.2	3.2
CTDO3308PF-682	6.8	100	.06	3.9	2.6
CTDO3308PF-103	10	100	.09	2.4	2.0
CTDO3308PF-153	15	100	.12	2.0	1.5
CTDO3308PF-223	22	100	.19	1.6	1.3
CTDO3308PF-333	33	100	.25	1.4	1.1
CTDO3308PF-473	47	100	.32	1.0	.80
CTDO3308PF-683	68	100	.55	.90	.70
CTDO3308PF-104	100	100	.70	.70	.60
CTDO3308PF-154	150	100	1.0	.60	.50
CTDO3308PF-224	220	100	1.6	.50	.40
CTDO3308PF-334	330	100	2.2	.40	.30
CTDO3308PF-474	470	100	3.3	.30	.20
CTDO3308PF-684	680	100	4.4	.20	.10
CTDO3308PF-105	1000	100	7.0	.10	.05

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

CHARACTERISTICS

Description: SMD power inductor

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

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

Inductance Tolerance: $\pm 20\%$

Inductance Drop: 10% typically at Isat

Testing: Inductance is tested on an HP4285A at 100 kHz

Packaging: Tape & Reel

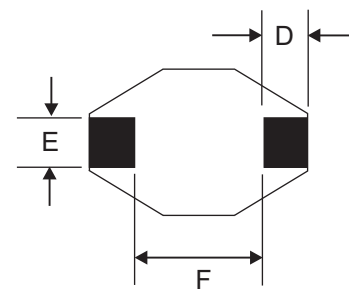
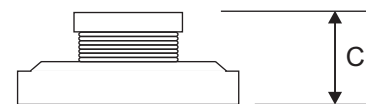
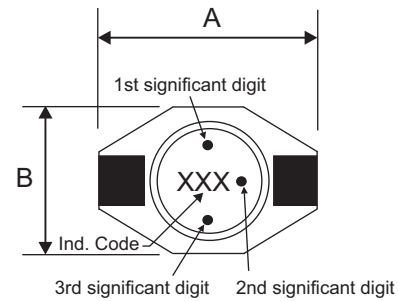
Marking: Color dots or Inductance code

Miscellaneous: RoHS Compliant.

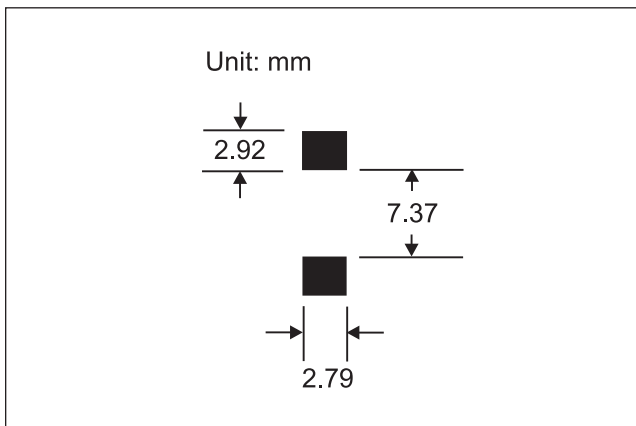
Additional Information: Additional electrical & physical information available upon request

Samples available. See website for ordering information.

Parts will be marked with Significant Digit Dots OR Inductance Code



PAD LAYOUT



01.11.10