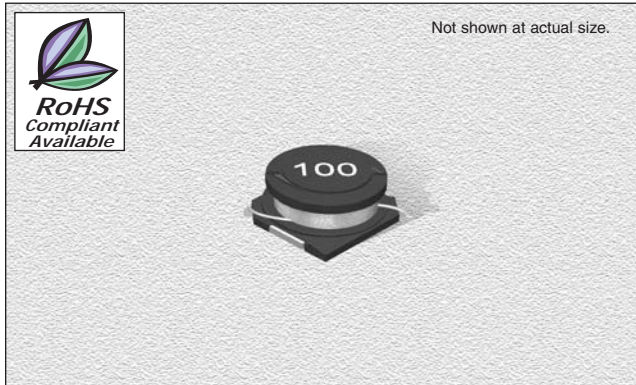


CT636FY Series

From 1.0 μ H to 100 μ H



CHARACTERISTICS

Description: SMD power inductor

Applications: Ideal for a variety of DC/DC converter applications and low profile use

Operating Temperature: -30°C to +100°C

Inductance Tolerance: $\pm 20\%$

Testing: Inductance is tested on an HP4285A at 100 kHz

Packaging: Tape & Reel

Marking: Parts are marked with inductance code

Miscellaneous: RoHS Compliant available

Additional Information: Additional electrical & physical information available upon request

Samples available. See website for ordering information.

SPECIFICATIONS

Parts are marked to indicate tolerance available.

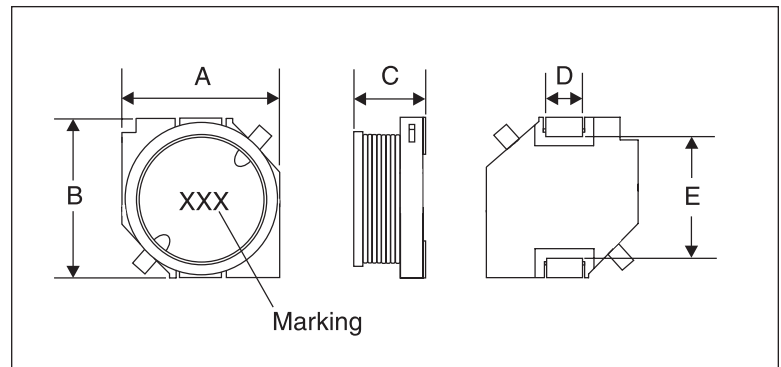
M = $\pm 20\%$

CTC636FYE Please specify "F" for RoHS Compliant

Part Number	Inductance (μ H)	L Test Freq. (kHz)	DCR Max. (Ω)	Rated DC (A)
CT636FY_-1R0M	1.0	100	.02	2.9
CT636FY_-1R5M	1.5	100	.03	2.7
CT636FY_-2R2M	2.2	100	.03	2.4
CT636FY_-3R3M	3.3	100	.04	2.1
CT636FY_-4R7M	4.7	100	.05	1.9
CT636FY_-6R8M	6.8	100	.07	1.6
CT636FY_-100M	10	100	.09	1.4
CT636FY_-120M	12	100	.11	1.3
CT636FY_-150M	15	100	.11	1.1
CT636FY_-180M	18	100	.16	1.0
CT636FY_-220M	22	100	.18	.93
CT636FY_-270M	27	100	.24	.80
CT636FY_-330M	33	100	.29	.72
CT636FY_-390M	39	100	.34	.66
CT636FY_-470M	47	100	.41	.59
CT636FY_-560M	56	100	.48	.55
CT636FY_-680M	68	100	.60	.49
CT636FY_-820M	82	100	.71	.44
CT636FY_-101M	100	100	.95	.38

PHYSICAL DIMENSIONS

Size	A Max.	B Max.	C Max.	D	E Max.
mm	7.4	7.4	3.5	2.0 \pm 0.2	5.4
inches	0.29	0.29	0.14	0.08 \pm 0.008	0.21



01.14.05