

## CT636FYF Series

From 1.0  $\mu\text{H}$  to 100  $\mu\text{H}$



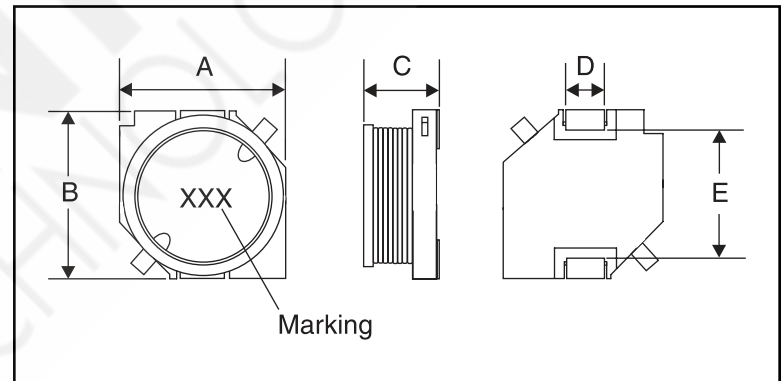
### SPECIFICATIONS

Parts are marked to indicate tolerance available.  
M =  $\pm 20\%$

Part Number	Inductance ( $\mu\text{H}$ )	L Test Freq. (KHz)	DCR Max. ( $\Omega$ )	Rated DC (A)
CT636FYF-1R0M	1.0	100	.02	2.9
CT636FYF-1R5M	1.5	100	.03	2.7
CT636FYF-2R2M	2.2	100	.03	2.4
CT636FYF-3R3M	3.3	100	.04	2.1
CT636FYF-4R7M	4.7	100	.05	1.9
CT636FYF-6R8M	6.8	100	.07	1.6
CT636FYF-100M	10	100	.09	1.4
CT636FYF-120M	12	100	.10	1.3
CT636FYF-150M	15	100	.13	1.1
CT636FYF-180M	18	100	.16	1.0
CT636FYF-220M	22	100	.18	.93
CT636FYF-270M	27	100	.24	.80
CT636FYF-330M	33	100	.29	.72
CT636FYF-390M	39	100	.34	.66
CT636FYF-470M	47	100	.41	.59
CT636FYF-560M	56	100	.48	.55
CT636FYF-680M	68	100	.60	.49
CT636FYF-820M	82	100	.71	.44
CT636FYF-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



### 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 100KHz.
- Packaging:** Tape & Reel.
- Marking:** Parts are marked with inductance code.
- Miscellaneous:** RoHS Compliant.
- Additional Information:** Additional electrical & physical information available upon request.
- Samples available. See website for ordering information.**