CT636FYF Series From 1.0 µH to 100 µH



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: ±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.

SPECIFICATIONS

Parts are marked to indicate tolerance available.

M = ±20%

Part Number	Inductance (µH)	L Test Freq. (KHz)	DCR Max. (Ω)	Rated DC (A)
CT636FYF-1R0M CT636FYF-1R5M CT636FYF-2R2M CT636FYF-3R3M CT636FYF-4R7M CT636FYF-6R8M	1.0 1.5 2.2 3.3 4.7 6.8	100 100 100 100 100 100	.02 .03 .03 .04 .05	2.9 2.7 2.4 2.1 1.9 1.6
CT636FYF-100M CT636FYF-120M CT636FYF-150M CT636FYF-180M CT636FYF-220M CT636FYF-220M CT636FYF-330M CT636FYF-330M CT636FYF-470M CT636FYF-460M CT636FYF-680M CT636FYF-680M CT636FYF-820M	10 12 15 18 22 27 33 39 47 56 68 82	100 100 100 100 100 100 100 100 100 100	.09 .10 .13 .16 .18 .24 .29 .34 .41 .48 .60	1.4 1.3 1.1 1.0 .93 .80 .72 .66 .59 .55 .49
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±0.2	5.4
inches	0.29	0.29	0.14	0.08±0.008	0.21

