

CT636FYF Series

From 1.0 μH to 100 μH



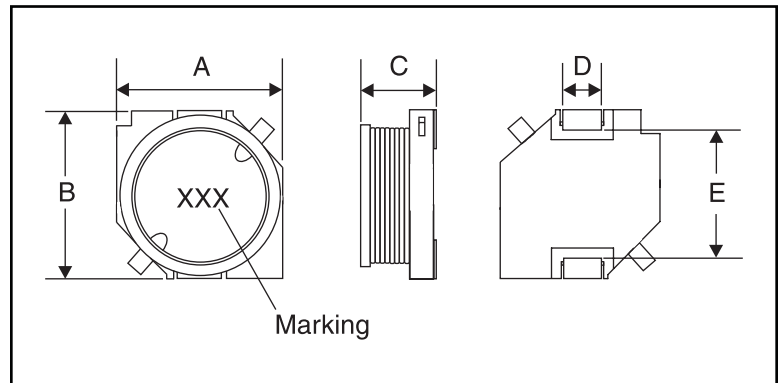
SPECIFICATIONS

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

| Part Number | Inductance (μH) | L Test Freq. (KHz) | DCR Max. (Ω) | 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.**