Emre Deniz values

D = 0.428,

L = 0.392 mH

C = 71.6 uF

The components that i have chosen

**For the inductor: I suggest these inductors.**

<https://www.digikey.com/product-detail/en/abracon-llc/AIRD-03-391K/535-11338-ND/2660628>

it is 390 uH

4A current rating, it is good for 3.5A operation. Dc resistance is 0.169mOhm maximum. Its price is 6$

Another option is

<https://www.digikey.com/product-detail/en/bourns-inc/2319-V-RC/M8893-ND/775432>

390uH

5A current rating, Dc resistance is 72mOhm maximum. Its price is 4$

**For capacitor**