

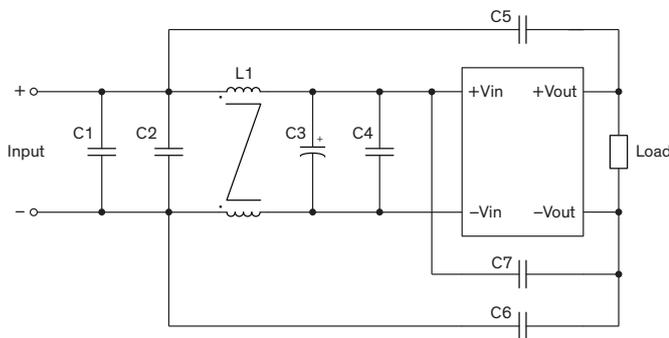
### EMI Consideration

#### Suggested filter to comply with EN 55032 Conducted and Radiated Emissions Class A limits

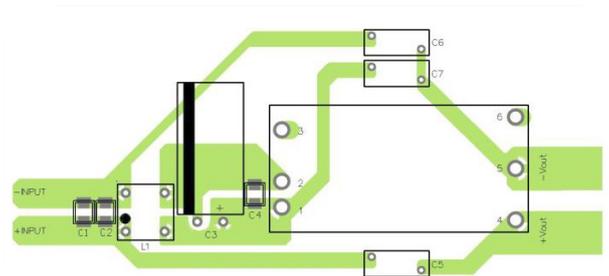
TEN 40WIRH series meet EN 55032 Conducted and Radiated Emissions Class A limits without external components.

#### Suggested filter to comply with EN 55032 Conducted and Radiated Emissions Class B limits

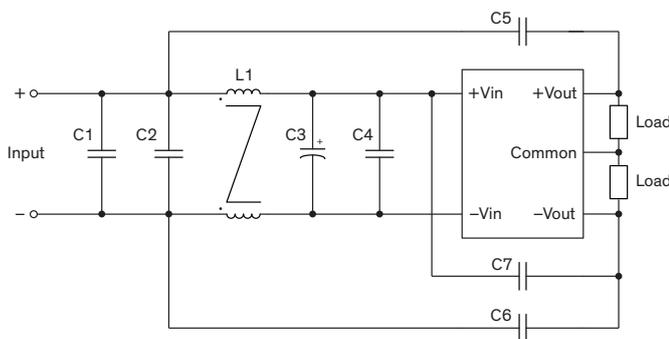
#### Single output models



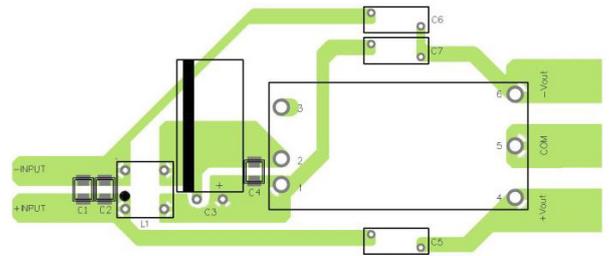
#### Layout suggestion Top View



#### Dual output models



#### Layout suggestion Top View



#### Suggested components to comply with EN 55032 Conducted and Radiated Emissions Class B limits

Model	C1, C2, C4	C3	C5, C6, C7	L1
TEN 40-xxxxWIRH	1 $\mu$ F / 250 V 1812 MLCC	47 $\mu$ F / 200 V Al. Cap. KXJ	330 pF Y1 capacitor	566 $\mu$ H TCK-181

TCK-181 datasheet: [www.tracopower.com/overview/tck-181](http://www.tracopower.com/overview/tck-181)