

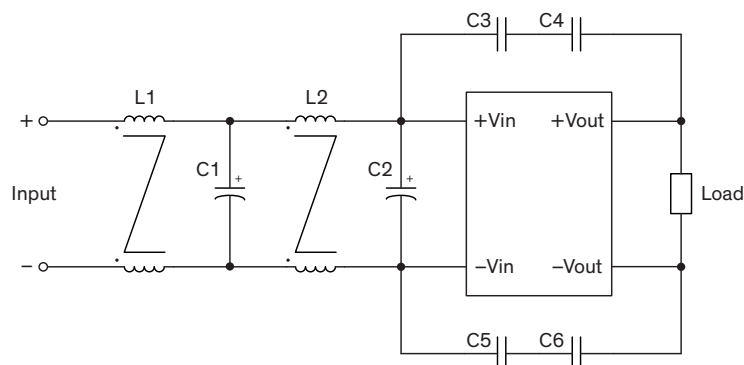
### EMI Consideration

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

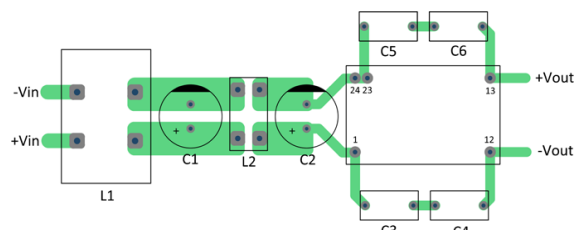
THP 3 series meet EN 55032 Conducted & Radiated Emissions Class A without external components.

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

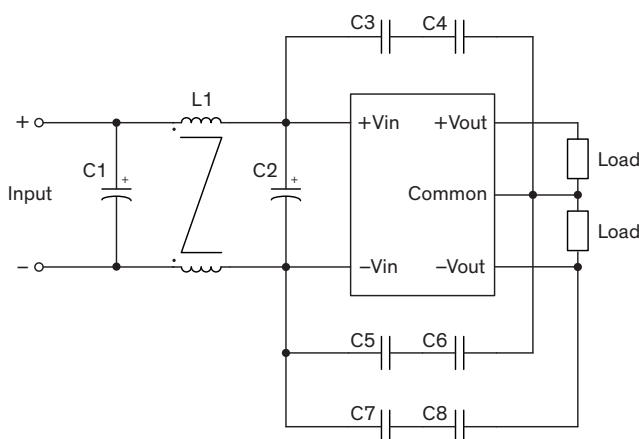
##### Single output models



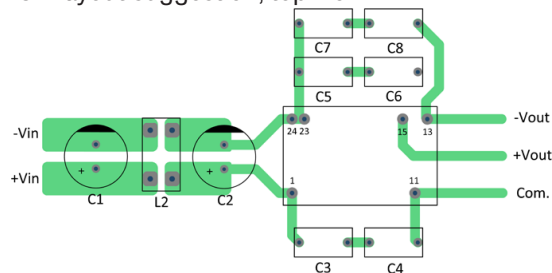
##### PCB layout suggestion, top view



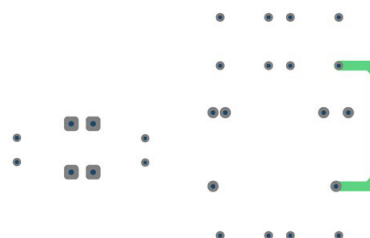
##### Dual output models



##### PCB layout suggestion, top view



##### PCB layout suggestion, bottom view



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

Model	L1	C1	L2	C2	C3, C4	C5, C6	C7, C8
THP 3-2411 THP 3-2412 THP 3-2422 THP 3-2423	-	-	5 mH / 1 A 744821150	27 µF 200 V KY	1'000 pF Y1	-	-
THP 3-4811 THP 3-4812		27 µF 200 V KY				1'000 pF Y1	
THP 3-4822 THP 3-4823 THP 3-7222 THP 3-7223							
THP 3-7211 THP 3-7212							20 mH / 2A 744824220