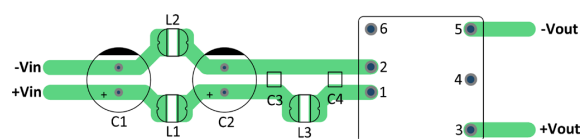
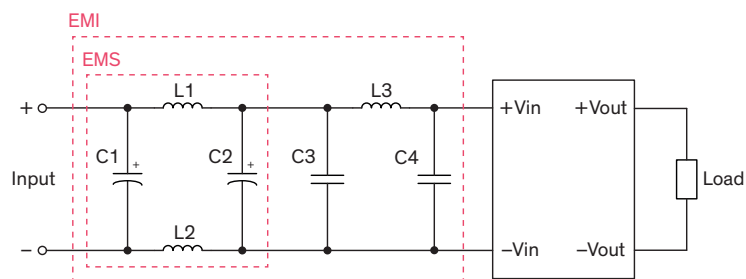


### EMI Consideration

Suggested filter to comply with EFT/Surge and EN 55032 Conducted and Radiated Emissions Class A limits

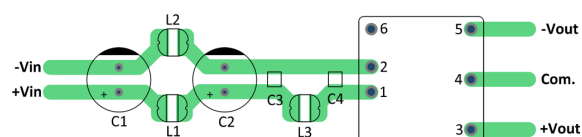
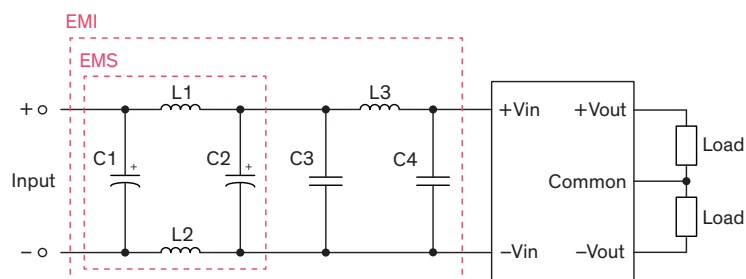
#### Single output models

#### PCB layout suggestion



#### Dual output models

#### PCB layout suggestion



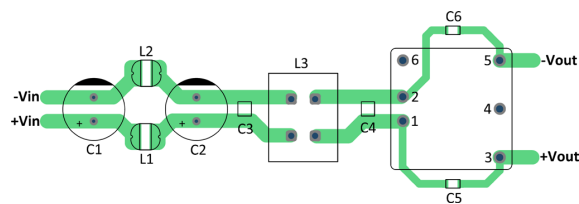
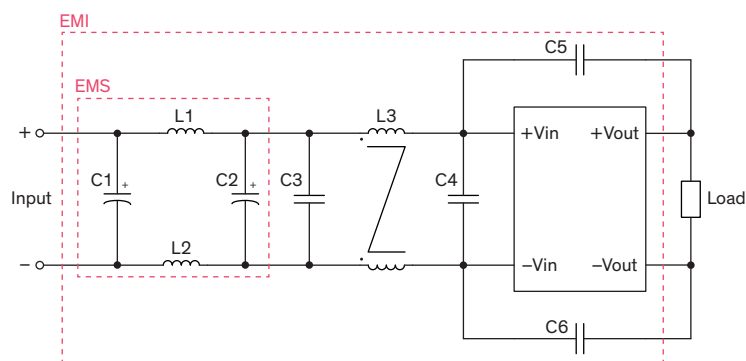
### Suggested components to comply with EFT/Surge and EN 55032 Conducted and Radiated Emissions Class A

Model	C1, C2	L1, L2	C3, C4	L3
THL 30-24xxWI	470 $\mu$ F / 50 V / KY	2.2 $\mu$ H / 4.6 A 744774022	10 $\mu$ F / 50 V 1210 X7R	2.2 $\mu$ H / 4.6 A 744774022
THL 30-48xxWI	220 $\mu$ F / 100 V / KY	-	4.7 $\mu$ F / 100 V 1210 X7S	4.7 $\mu$ H / 2.4 A 7447745047

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

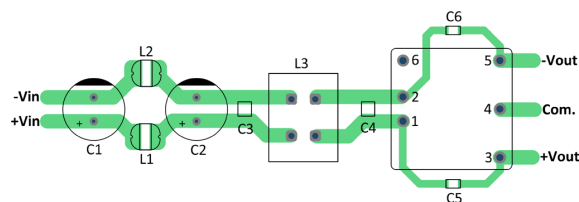
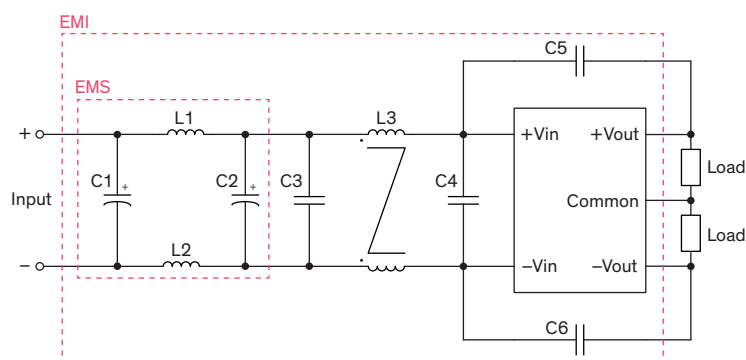
#### Single output models

#### PCB layout suggestion



#### Dual output models

#### PCB layout suggestion



### Suggested components to comply with EFT/Surge and EN 55032 Conducted and Radiated Emissions Class B

Model	C1, C2	L1, L2	C3, C4	L3	C5, C6
THL 30-24xxWI	470 $\mu$ F / 50 V / KY	2.2 $\mu$ H / 4.6 A 744774022	10 $\mu$ F / 50 V 1210 X7R	32 $\mu$ H / 8.5 A 744842932	2'200 pF / 2 kV 1206 X7R
THL 30-48xxWI	220 $\mu$ F / 100 V / KY	4.7 $\mu$ H / 3 A 744774047	4.7 $\mu$ F / 100 V 1210 X7S		