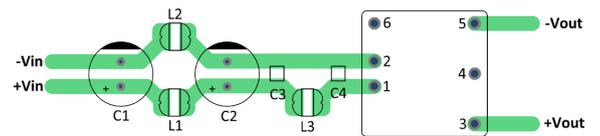
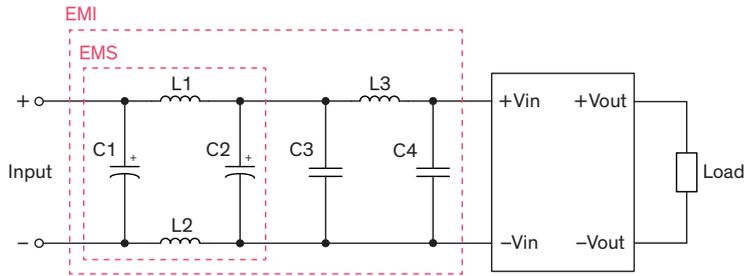


EMI Consideration

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

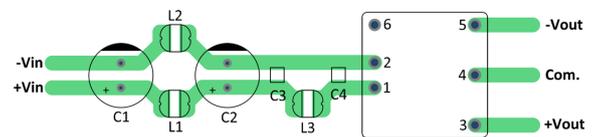
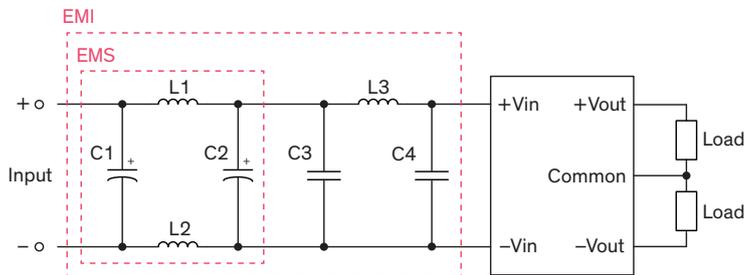
Single output models

PCB layout suggestion



Dual output models

PCB layout suggestion



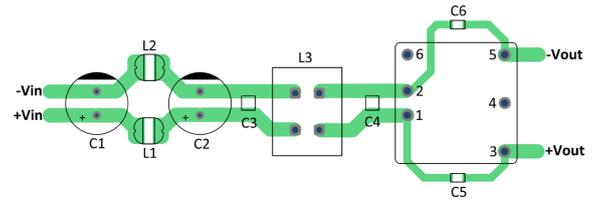
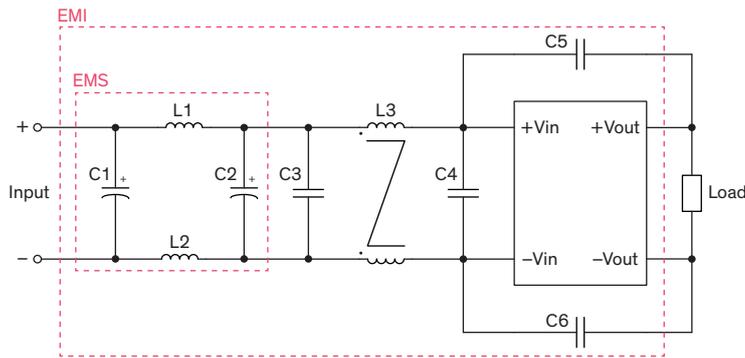
Suggested components to comply with EFT/Surge and EN 55032 Conducted and Radiated Emissions Class A

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

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

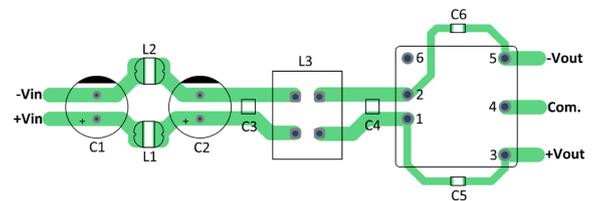
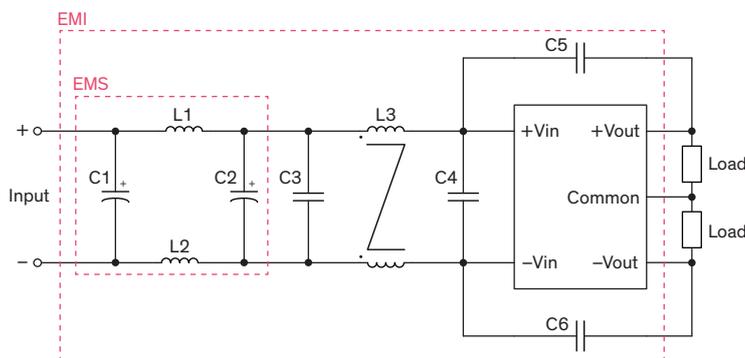
Single output models

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 μ F / 50 V / KY	2.2 μ H / 4.6 A 744774022	10 μ F / 50 V 1210 X7R	32 μ H / 8.5 A 744842932	2'200 pF / 2 kV 1206 X7R
THL 30-48xxWI	220 μ F / 100 V / KY	4.7 μ H / 3 A 744774047	4.7 μ F / 100 V 1210 X7S		