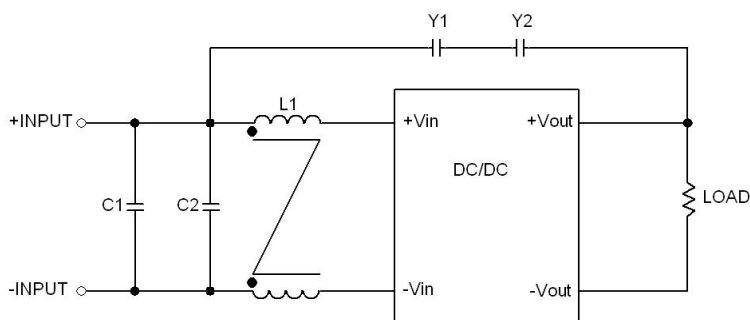


EMI Consideration

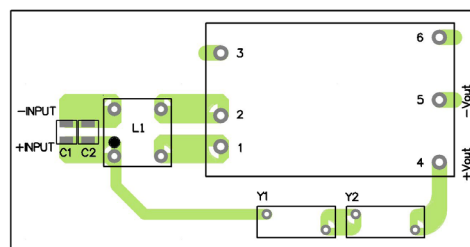
This series meet EN 55032 conducted and radiated emissions Class A without external components.

Suggested filter to comply with EN 55032 conducted and radiated emissions Class B limits

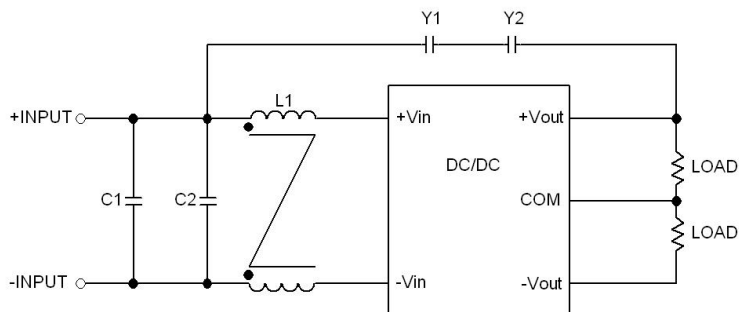
Single output models



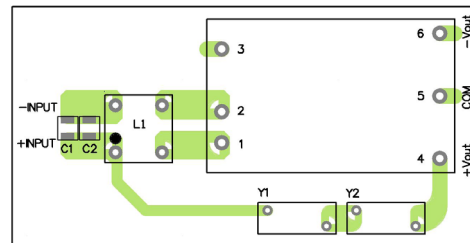
Suggested Layout



Dual output models



Suggested Layout



Model	C1	C2	Y1, Y2	L1
THM 15-12xx THM 15-24xx(WI) THM 20-12xxx THM 20-24xx(WI) THM 30-12xx THM 30-24xx(WI)	N/A	10 μ F / 50 V 1210 MLCC	100 pF / 400 VAC Y1	145 μ H / 5.2 A Common Choke TCK-051
THM 15-48xx(WI) THM 20-48xx(WI) THM 30-48xx(WI)	2.2 μ F / 100V 1210 MLCC	2.2 μ F / 100V 1210 MLCC	100 pF / 400 VAC Y1	373 μ H / 3 A Common Choke TCK-026

TCK-026 datasheet: www.tracopower.com/overview/tck-026

TCK-051 datasheet: www.tracopower.com/overview/tck-051