

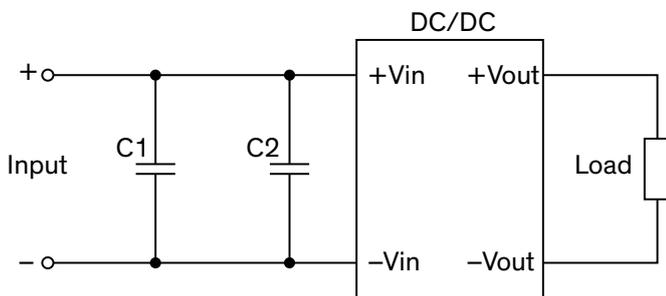
EMI Consideration

Suggested filter to comply with EN 55032 Class A limits

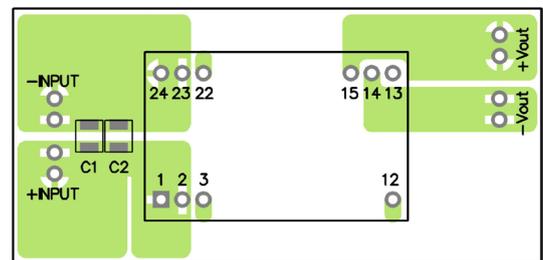
TVN 5WI series meet EN 55032 Class A without external componets.

Suggested filter to comply with EN 55032 Class B limits

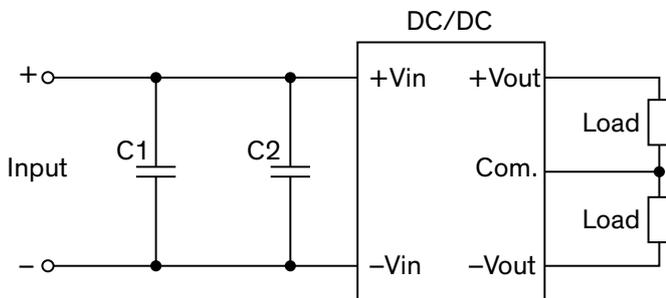
Single output models



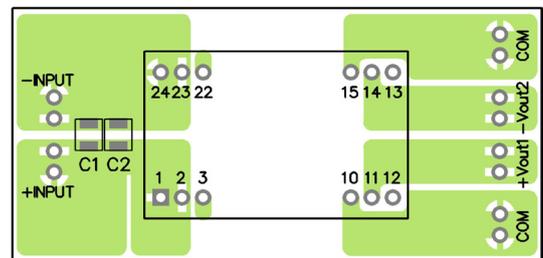
PCB layout suggestion



Dual output models



PCB layout suggestion



Suggested components to comply with EN 55032 Class B limits

Model	C1	C2
TVN 5-09xxWI TVN 5-24xxWI	not required	not required
TVN 5-48xxWI	4.7 μ F / 100 V 1210 MLCC	4.7 μ F / 100 V 1210 MLCC