

EMI Consideration

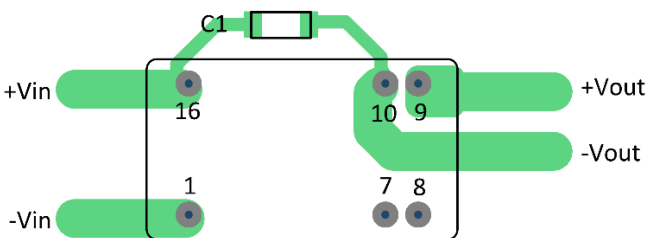
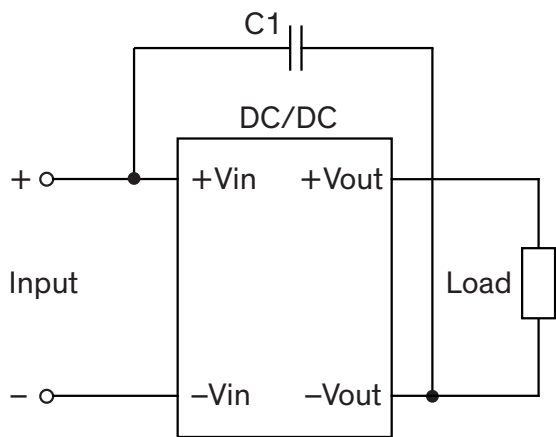
Suggested filter to comply with EN 55032 Conducted Emissions Class A limits

TEL 8WI series meet EN 55032 Conducted Emissions Class A without external components.

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

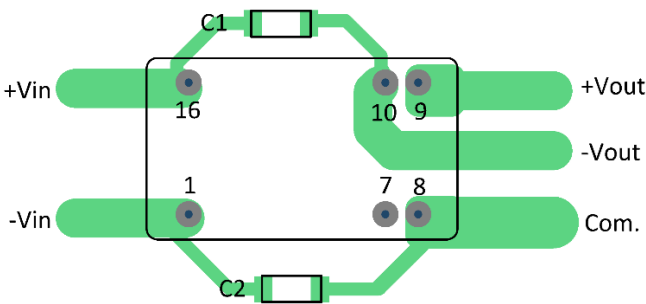
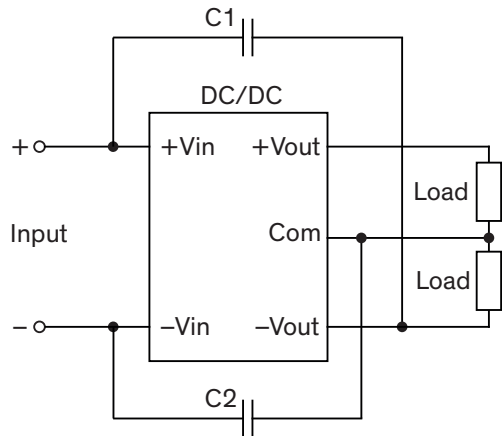
Single output models

Layout suggestion



Dual output models

Layout suggestion

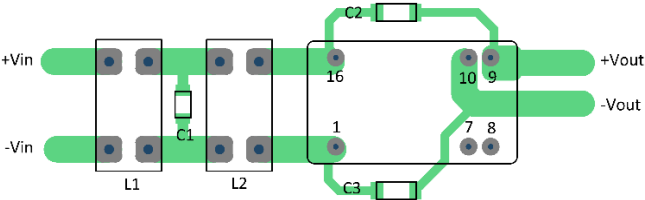
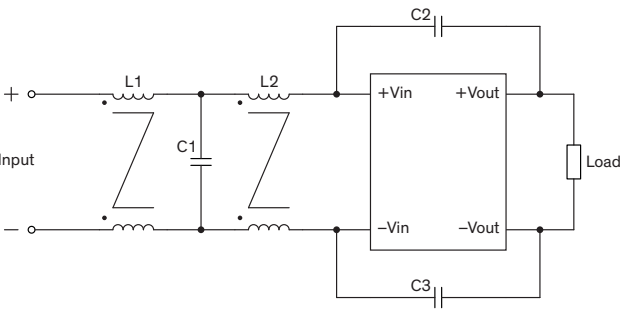


Suggested components to comply with EN 55032 Radiated Emissions Class A limits		
Model	C1	C2
TEL 8-xx1xWI	220 pF / 2 kV 1808 X7R	-
TEL 8-xx2xWI	470 pF / 2 kV 1808 X7R	470 pF / 2 kV 1808 X7R

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

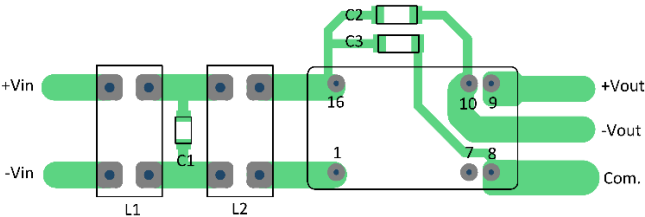
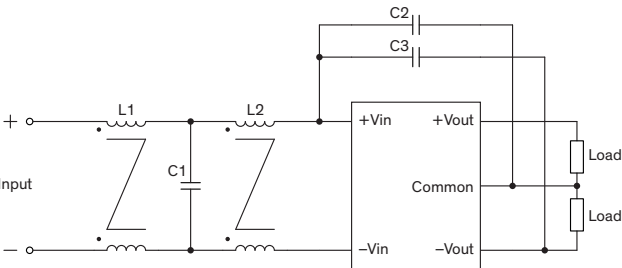
Single output models

Layout suggestion



Dual output models

Layout suggestion



Suggested components to comply with EN 55032 Conducted Emissions Class B limits			
Model	L1, L2	C1	C2, C3
TEL 8-xxxxWI	0.4 mH / 4.5 A 7448014501	4.7 µF / 100 V / 1206	470 pF / 2 kV / 1808