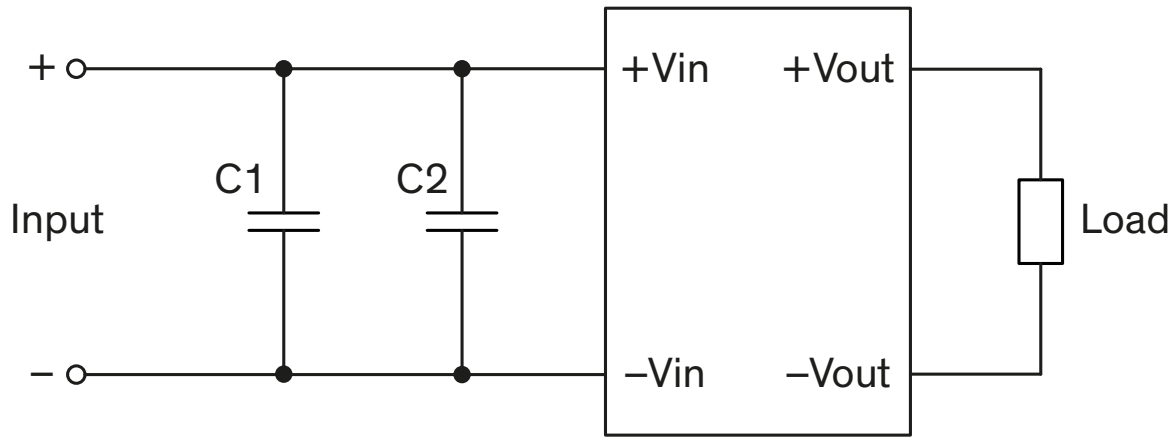
EMI Consideration

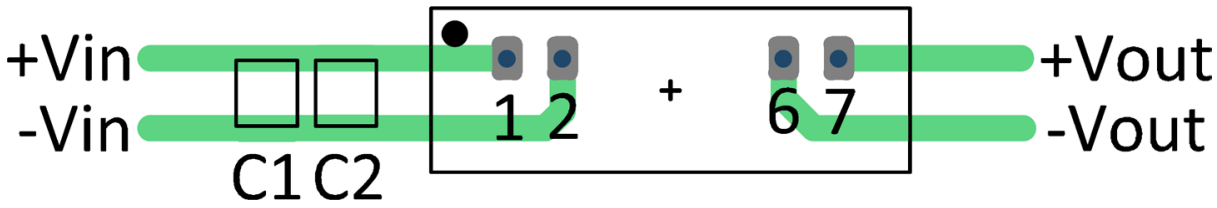
Suggested filter to comply with EN 55032 Radiated Emissions Class A limits
TRI 1 Series meets EN 55032 Radiated Emissions Class A limits without external components.

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

Single output models



PCB layout suggestion

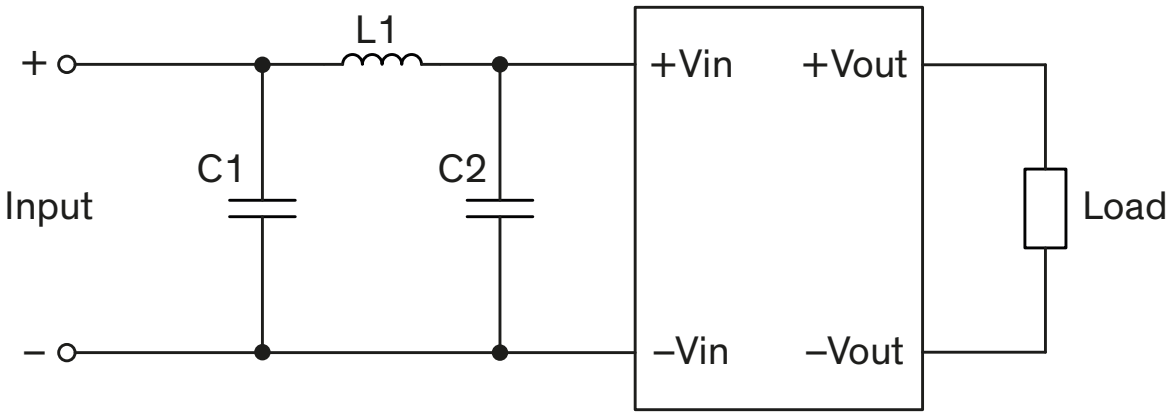


Suggested components to comply with EN 55032 Conducted Emissions Class A limits		
Model	**C1**	**C2**
TRI 1-05xx	-	47 µF / 16 V / 1210 X5R
TRI 1-12xx		47 µF / 25 V / 1210 X5R
TRI 1-24xx	10 µF / 50 V / 1210 X7R	10 µF / 50 V / 1210 X7R

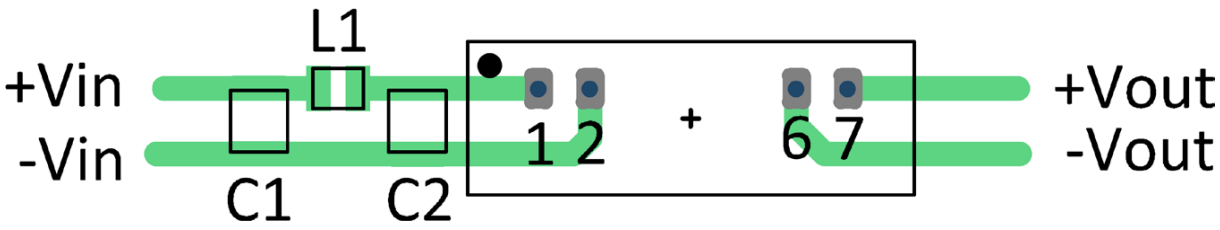
Suggested filter to comply with EN 55032 Radiated Emissions Class B limits
TRI 1 Series meets EN 55032 Radiated Emissions Class B limits without external components.

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

Single output models



PCB layout suggestion

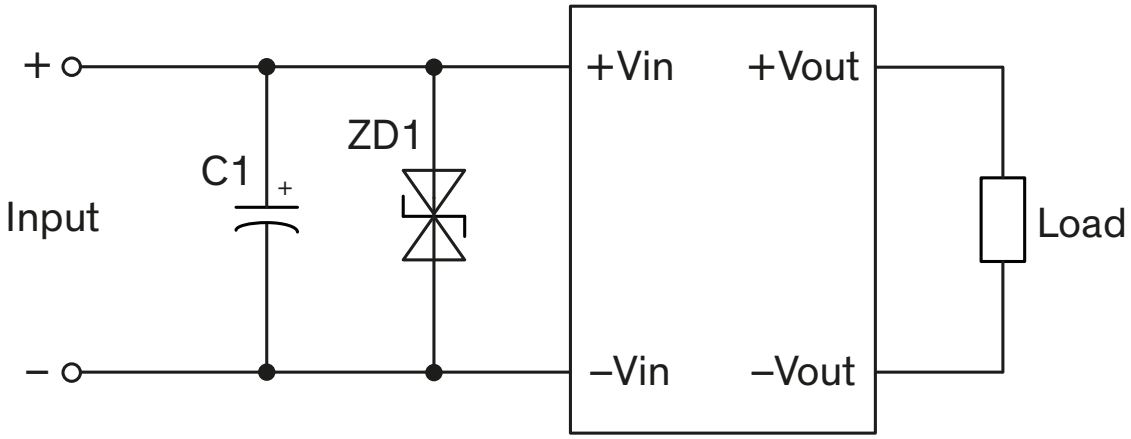


Suggested components to comply with EN 55032 Conducted Emissions Class B limits		
Model	**C1, C2**	**L1**
TRI 1-xxxx	47 µF / 50 V / 1210	4.7 µH / 1.12 A / 74404024047

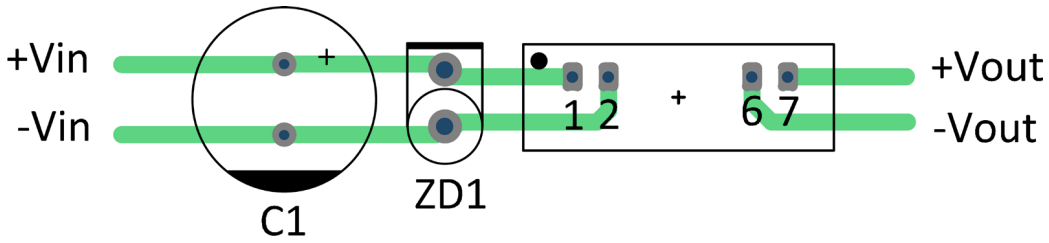
EMS Consideration

Suggested filter to comply with EFT(Burst) & Surge

Single output models



PCB layout suggestion



Suggested components to comply with EFT(Burst) & Surge		
Model	**C1**	**ZD1**
TRI 1-05xx	330 µF / 25 V / KY	1.5KE7.5CA (TVS diode)
TRI 1-12xx	1‘800 µF / 25 V / KY	-
TRI 1-24xx	470 µF / 50 V / KY	