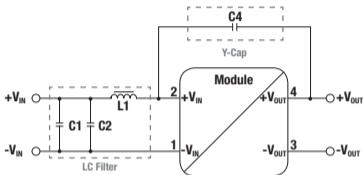


Conducted EMI Filter

177005

For isolated module 177920531



Filter frequency: $f_{\text{cutoff}} \approx 6\text{kHz}$ (LC)

Bill of material for the MLCC-based input filter

Designator	Description	Filter	Order Code
C1, C2	Filter ceramic chip capacitor 4.7 μF / 50 V 1210 X7R	LC	885 012 209 048
L1	Filter inductor, 68 μH , PD2 family		744 773 168
C4	Filter ceramic chip capacitor 1000 pF / 250 Vac / 5000 V Impulse Voltage 1808 X7R	Y-Cap	885 352 210 013

Manufacturer: Würth Elektronik

*Typically calculated values without DC bias effect



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Isolated MagI³C Power Modules Portfolio

