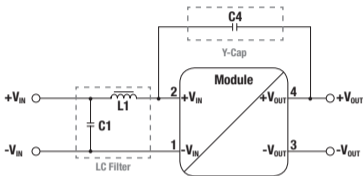


# Conducted EMI Filter

177003

For isolated module 177920511



Filter frequency:  $f_{\text{cutoff}} \approx 23\text{kHz}$  (LC)

## Bill of material for the MLCC-based input filter

Designator	Description	Filter	Order Code
C1	Filter ceramic chip capacitor 10 $\mu\text{F}$ / 25 V 1210 X7R	LC	<b>885 012 209 028</b>
L1	Filter inductor, 4.7 $\mu\text{H}$ , PD2 family		<b>744 773 047</b>
C4	Filter ceramic chip capacitor 470 pF / 250 Vac / 2500 V Impulse Voltage 1808 X7R	Y-Cap	<b>885 362 210 009</b>

Manufacturer: Würth Elektronik

\*Typically calculated values without DC bias effect



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# Isolated MagI<sup>3</sup>C Power Modules Portfolio

