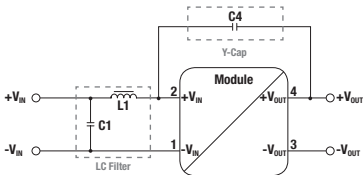


# Conducted EMI Filter

177004

For isolated module 177920521



Filter frequency:  $f_{cutoff} \approx 16\text{kHz}$  (LC)

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

Designator	Description	Filter	Order Code
C1	Filter ceramic chip capacitor 4.7 $\mu\text{F}$ / 50 V 1210 X7R	LC	<b>885 012 209 048</b>
L1	Filter inductor, 22 $\mu\text{H}$ , PD2 family		<b>744 773 122</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



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

