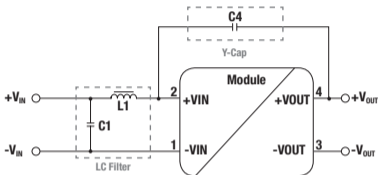


Conducted EMI Filter

176001 – For isolated modules

1769205x2 / 176881212 / 176861512



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	Ceramic chip capacitor 22 μF / 10 V 1210 X7R	LC	885 012 209 006
L1	Filter inductor, 2.2 μH , PD2 family		744 773 022
C4	Ceramic chip capacitor 470 pF / 250 Vac / 2500 V Impulse Voltage 1808 X7R	Y-Cap	885 362 210 009

Manufacturer: Würth Elektronik

*Typically calculated values without DC bias effect



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Isolated MagI³C Power Modules Portfolio

