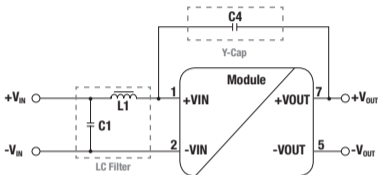


# Conducted EMI Filter

177008

For isolated module 177920534



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

Bill of Material of the Input LC Filter MLCC capacitor based

| Designator | Description  | Filter | Order Code             |
|------------|--|--------|------------------------|
| C1         | Filter ceramic chip capacitor<br>2.2 $\mu\text{F}$ / 50 V 1812 X7R                     | LC     | <b>885 012 210 032</b> |
| L1         | Filter inductor, 47 $\mu\text{H}$ ,<br>PD2 family                                      |        | <b>744 773 147</b>     |
| C4         | Filter ceramic chip capacitor<br>470 pF / 250 Vac / 5000 V<br>Impulse Voltage 1812 X7R | Y-Cap  | <b>885 352 211 001</b> |

Manufacturer: Würth Elektronik

\*Typically calculated values without DC bias effect



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

