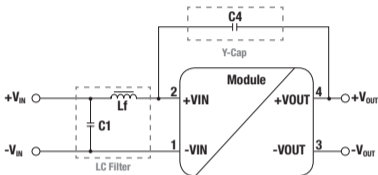


# Conducted EMI Filter

176002

For isolated module 176920522



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

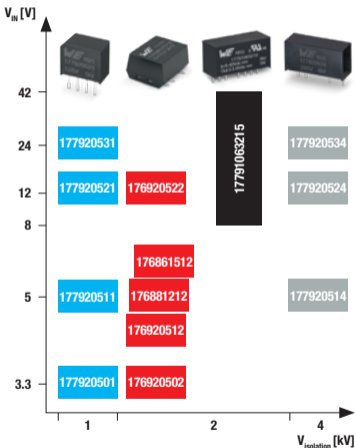
Manufacturer: Würth Elektronik

\*Typically calculated values without DC bias effect



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



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[NMC0402NPO220J50TRPF](#) [NMC0402X5R105K6.3TRPF](#) [NMC0402X5R224K6.3TRPF](#) [NMC0402X7R103J25TRPF](#)  
[NMC0402X7R153K16TRPF](#) [NMC0603NPO330G50TRPF](#) [NMC0603NPO331F50TRPF](#) [NMC0603X5R475M6.3TRPF](#)  
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[L0402NPO7R0C50TRPF](#) [NMC-L0603NPO2R2B50TRPF](#) [NMC-Q0402NPO8R2D200TRPF](#) [C1206C101J1GAC](#) [C1608C0G2A221J](#)  
[C1608X7R1E334K](#) [C2012C0G2A472J](#) [2220J2K00562KXT](#) [KHC201E225M76N0T00](#) [1812J2K00332KXT](#) [CCR06CG153FSV](#)  
[CDR14BP471CJUR](#) [CDR31BX103AKWR](#) [CDR33BX683AKUS](#) [CGA2B2C0G1H010C](#) [CGA2B2C0G1H040C](#) [CGA2B2C0G1H050C](#)  
[CGA2B2C0G1H060D](#) [CGA2B2C0G1H070D](#) [CGA2B2C0G1H120J](#) [CGA2B2C0G1H151J](#) [CGA2B2C0G1H1R5C](#) [CGA2B2C0G1H2R2C](#)  
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