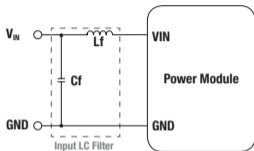


# Conducted EMI Filter

171003

For VDRM modules 1710x1801



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

**Bill of Material for the MLCC-based input filter**

Designator	Description	Filter	Order Code
$C_f$	Filter ceramic chip capacitor 10 $\mu\text{F}$ / 25 V X5R, 1206	LC	<b>885 012 108 021</b>
$L_f$	Filter inductor, 10 $\mu\text{H}$ , PD2 family		<b>744 775 10</b>

Manufacturer: Würth Elektronik

\*Typically calculated values without DC bias effect



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# VDM/VRM MagI<sup>3</sup>C Power Modules Portfolio

