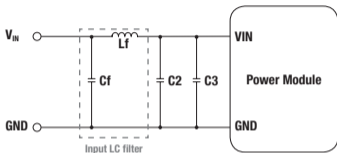


Conducted EMI Filter

171001

For VDRM module 171050601



Filter frequency: $f_{cutoff} \approx 34\text{kHz}$ (LC)

Bill of Material for the Polymer capacitor based input filter

Designator	Description	Filter	Order Code
Cf	Filter aluminum polymer capacitor 10 μF / 63 V, ESR = 45 m Ω	LC	875 115 852 001
Lf	Filter inductor, 2.2 μH , PD2 family, ISAT = 8.2 A, IR = 4.6 A		744 774 022

C2, C3: Module input capacitors (not included in EMI filter)

Manufacturer: Würth Elektronik

*Typically calculated values without DC bias effect



www.we-online.com/powermodules

LDHM/VDRM MagI³C Power Modules Portfolio

