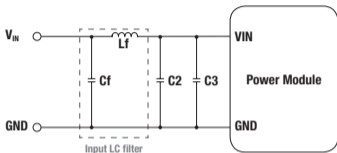


Conducted EMI Filter

171002

For VDRM module 1710x0601



Filter frequency: $f_{cutoff} \approx 50\text{kHz}$ (LC)

Bill of Material for the MLCC-based input filter

Designator	Description	Filter	Order Code
C_f	Filter ceramic chip capacitor 1 μF / 50 V, X7R, 1210	LC	885 012 209 047
L_f	Filter inductor, 10 μH , PD2 family		744 774 10

C_2 , C_3 : 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

