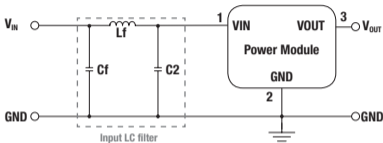


Conducted EMI Filter

173001

For FDSM modules 173950X36



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

Bill of Material for the Polymer capacitor based input filter

Designator	Description	Filter	Order Code
C2	Al-Poly capacitor 10 μF / 63 V	LC	875 115 852 001
Cf	Filter Al-Poly capacitor 10 μF / 63 V		875 115 852 001
Lf	Filter inductor, 1 μH , PD2 family, ISAT = 5.72 A, IR = 4 A		744 773 0

Manufacturer: Würth Elektronik

*Typically calculated values without DC bias effect



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Isolated MagI³C Power Modules Portfolio

