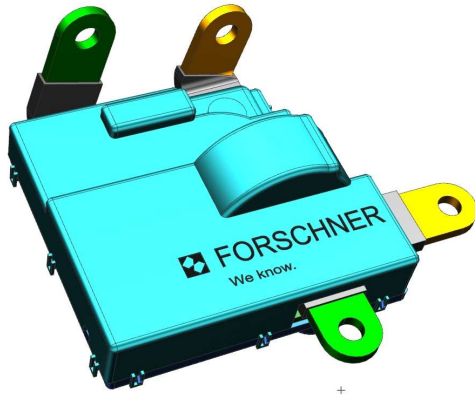


EMI Filter

Product Description

The EMI filters from Forschner are developed to effectively reduce EMC interference from batteries with a voltage of 400 V – 800 V and a nominal current of up to 400 A. With a filter bandwidth of 10 kHz to 400 MHz, they achieve maximum insertion losses of 90 dB at a frequency of 1.5 MHz. The filter improves the HV battery's immunity to the vehicle's high-voltage transients while meeting stringent automotive standards additionally having a compact and rugged design. Our custom designs guarantee a perfect match to the battery impedance and requirements..

EMI Filter



Technical Data

Maximum Voltage	800 V
Maximum Current	400 A
Dielectric strength DC	> 3 kV
Filter Bandwidth	10kHz – 400MHz
Maximum Insertion loss	70 dB

Creepage & Clearance:

Insulation type	Basic
Overvoltage	Category 2
Pollution degree	3
CTI	IIIa
Altitude	4000

Contact information

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