

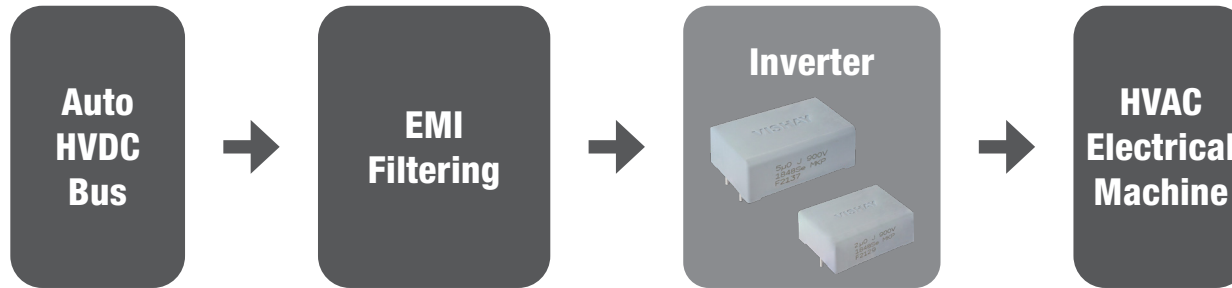
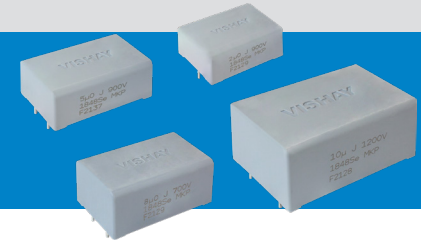


The DNA of tech.™

THE VISHAY ADVANTAGE AND WHY IT MATTERS...

AUTOMOTIVE GRADE LOW BUILDING HEIGHT DC-LINK - MKP1848Se

EV / HEV HVAC Compressor



MKP1848Se Low Building Height Metallized Polypropylene DC-Link Film Capacitor - THB and Automotive Grade

Product Family	Advantage	Why it Matters (Benefit to the Engineer)	Where Should it Be Considered?	Best Parameter / Example
MKP1848Se	Low building height	The MKP1848Se low building height DC-Link capacitor offers engineers a broad array of low profile components to be used in highly constrained spaces	As DC-Link HVAC compressor's inverter stage	The MKP1848Se has the broadest range of standard low profile DC-Link geometries, in heights of 12 mm, 15 mm, 18 mm, and 24 mm

Other Customer Benefits	How Is This Achieved?	Comments
The MKP1848Se series is qualified for automotive use	The MKP1848Se is qualified in accordance with AEC-Q200 and ensures performance that goes beyond the requirements of this standard, being a Vishay Automotive Grade part	Applicable on EV / HEV power converters, from OBC to DC/DC converters and compressors, whenever space availability is limited
High stability of electrical parameters across lifetime	The MKP1848Se is designed to comply with the stringiest THB requirements specified on international standards for polypropylene DC capacitors, withstanding 60 °C / 93 % R.H. for 56 days while biased at rated DC voltage	THB rating in accordance with Grade (III) high robustness under high humidity, as specified on IEC 60384-16:2019 ed.4 - Annex A