



Transportation

Electric Drive Solutions

The Capacitance Company
KEMET
 CHARGED.®

Why Choose KEMET

KEMET applies world-class service and quality to deliver industry-leading, high performance capacitance solutions worldwide. With 95% of possible dielectric solutions, KEMET offers the world's most complete line of surface mount and through-hole capacitor technologies across tantalum, ceramic, film, aluminum and paper dielectrics. One world. One KEMET.

Features & Benefits

- PPAP availability
- ISO/TS 16949:2002 plant-level certification
- AEC Q200 part-level qualifications
- Electrolytic capacitors specifically designed for very long life in demanding applications
- Broad range of power film and AC capacitors to suit any configuration and output power
- Standard and custom DC Link capacitors to meet any need

Product Checklist

- Who are your end customers?
- Can you use "commercial grade" for any applications?
- Do you have any customer-specific requirements (CSRs)?
- Is AEC Q200 testing required?
- Do you need a Production Part Approval Process (PPAP)?
- Are you familiar with the KEMET AUTO specification?

Ordering Information

- Use the standard KEMET part number followed by "AUTO."
- For film and electrolytic capacitors, a customer-specific code will be used instead of "AUTO."

For more information, samples and engineering kits, please visit us at www.kemet.com or call 1.877.myKEMET.

Programs Supported

- DC Link/DC Filter
- Snubbers
- AC Filter
- Decoupling and Filtering

KEMET Products

Product Family	KEMET Series	Form
DC Link/DC Filter		
Standard Film	C4A, C4DE, C44U	Through-hole, Radial can
Custom Film		Custom
Aluminum Electrolytic	ALS, ALC	Screw terminal, Snap-in
Snubbers		
Film	C4A, C4B	Box, IGBT box, Radial can
Filter		
Film	C4A, C20A, C9T	Box, Radial can
Decoupling & Filtering		
Tantalum MnO2	T491, T494, T495, T498, T499, T35X	Surface mount, Through-hole
Tantalum Polymer	K0 Series T525	Surface mount
Multilayer Ceramic	AUTO Open Mode, FF/FE/FT-CAP, AUTO Aximax, AUTO Goldmax	Surface mount, Through-hole
Film	F611-612, F461-464, SMR, F161, GMC, SMC, LDE, LDB, PHE840, PHE850, R46	Surface mount, Through-hole
Aluminum Polymer	A700	Surface mount
Specialty & Custom Solutions		
Available upon request. Please contact your local KEMET representative.		

Vehicle Electric Drive

