
Automotive

Capacitors



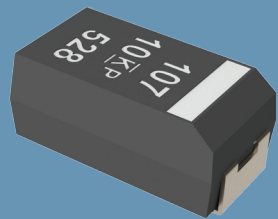
KEMET makes it possible.

Electronic Components
KEMET
CHARGED.®

50+
YEARS OF
AUTOMOTIVE
EXPERIENCE

**AEC
Q200**

1st AEC-Q200
qualified
polymer
electrolytic
T598

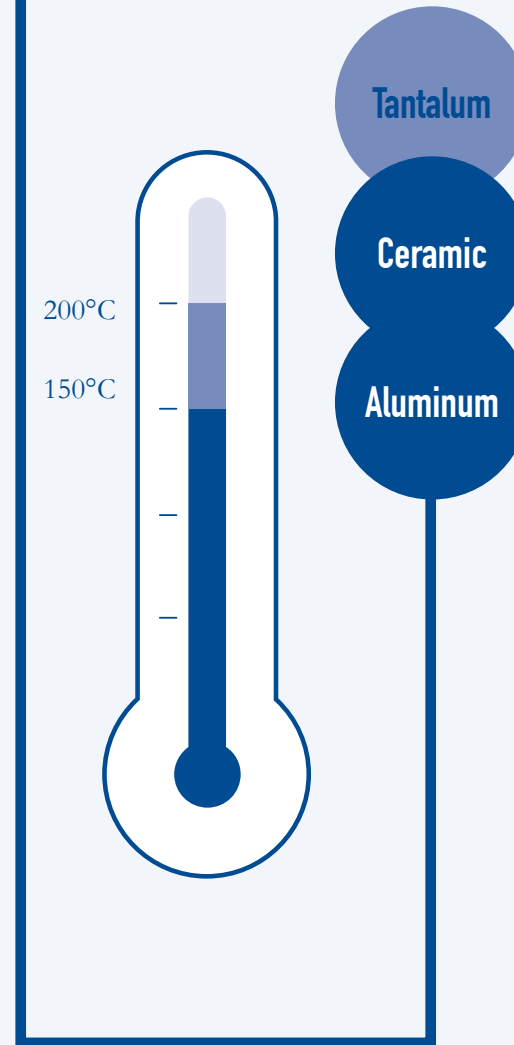
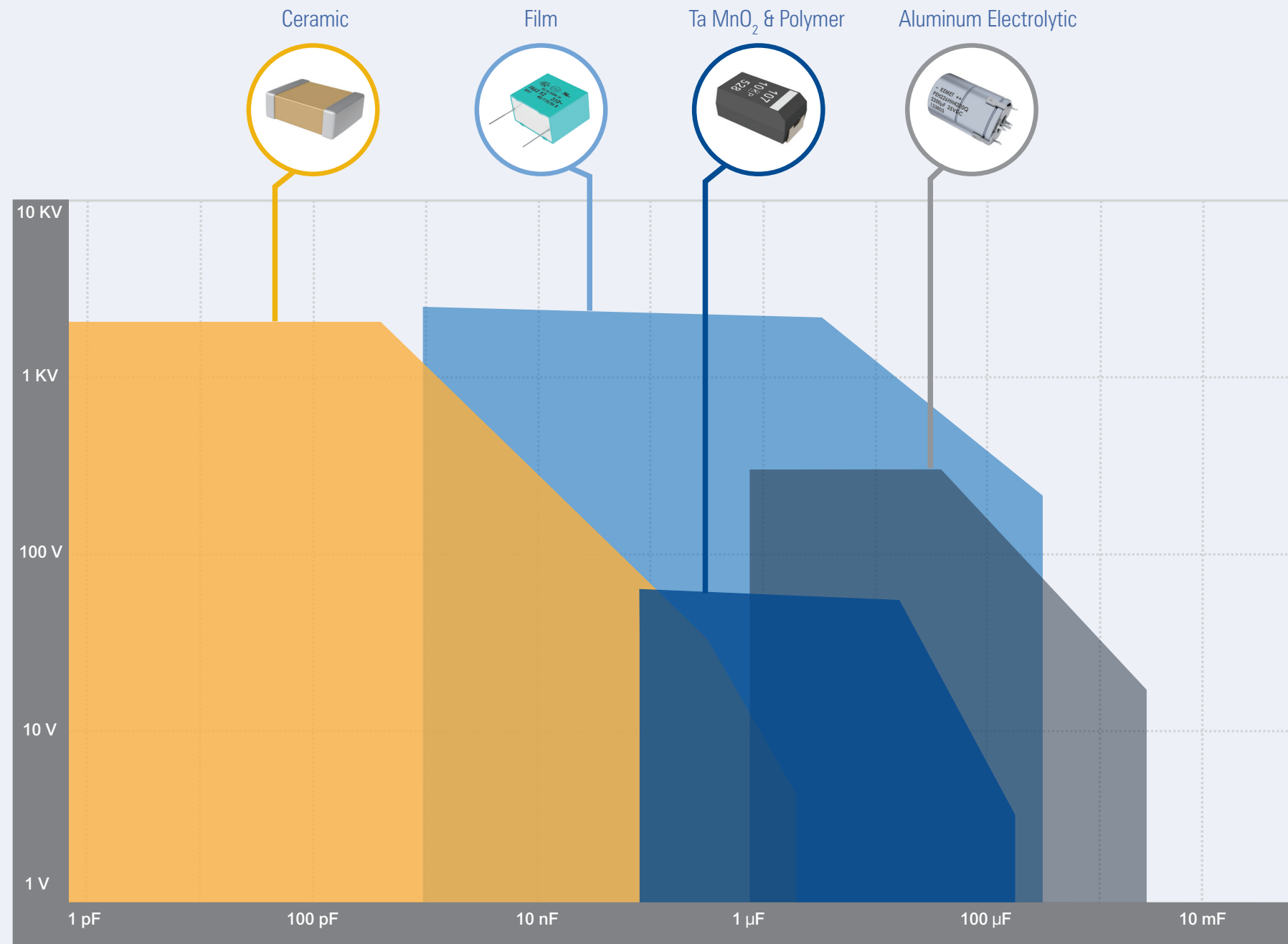


*ISO 9001
ISO/TS 16949*

Powertrain

ADAS

Infotainment

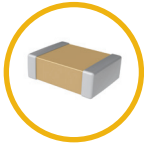
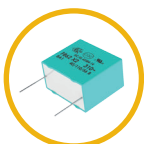


kemet.com/automotive

Support for
DV & PV

PPAP
availability



Product	Series	Advantages	Functions	Automotive Applications
Aluminum 	PEG PEH EDT EST EAK	Very stable High vibration Up to 150°C 28 A of ripple (RMS) Axial, radial & surface mount	Bulk capacitance Decoupling DC link Filtering	Powertrain Infotainment ADAS
Ceramic 	COG X7R X8L X8R	High voltage > 500 V (COG, X7R) High temperature 150°C (X8L, X8R)	Decoupling Filtering Snubber	Powertrain Infotainment ADAS
Film 	A50 C4E F862 LDE P295 PME295 R4x R6x R7x R8x SMR	High humidity/AEC-Q200 (F862)	Decoupling DC link Filtering Snubber	Infotainment ADAS Electric chargers
KO-CAP® Polymer 	T591 T598	High humidity/AEC-Q200 (T598)	Bulk capacitance Decoupling	Infotainment ADAS
Tantalum MnO ₂ 	T49x T5xx	High temperature (T498, T499, T500)	Bulk capacitance Decoupling	Powertrain



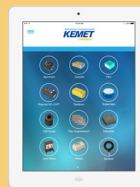
Capacitor Simulation Tool

ksim.kemet.com



Made for Engineers by Engineers

engineeringcenter.com



Catalogs and
Technical Data

Download on the
App Store

ANDROID APP ON
Google Play

Download from
Windows Store



COMPONENTEDGE

3D Models, Specifications, and Search

search.kemet.com