
Automotive

Capacitors



KEMET makes it possible.

Electronic Components
KEMET
CHARGED.®

50+
YEARS OF
AUTOMOTIVE
EXPERIENCE

ISO 9001
ISO/TS 16949

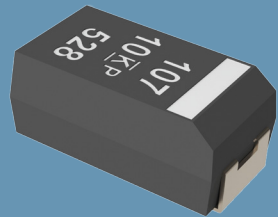
Powertrain

ADAS

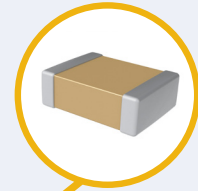
Infotainment

**AEC
Q200**

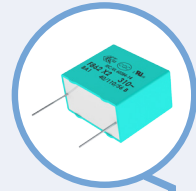
1st AEC-Q200
qualified
polymer
electrolytic
T598



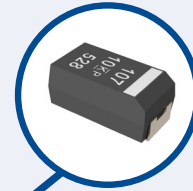
Ceramic



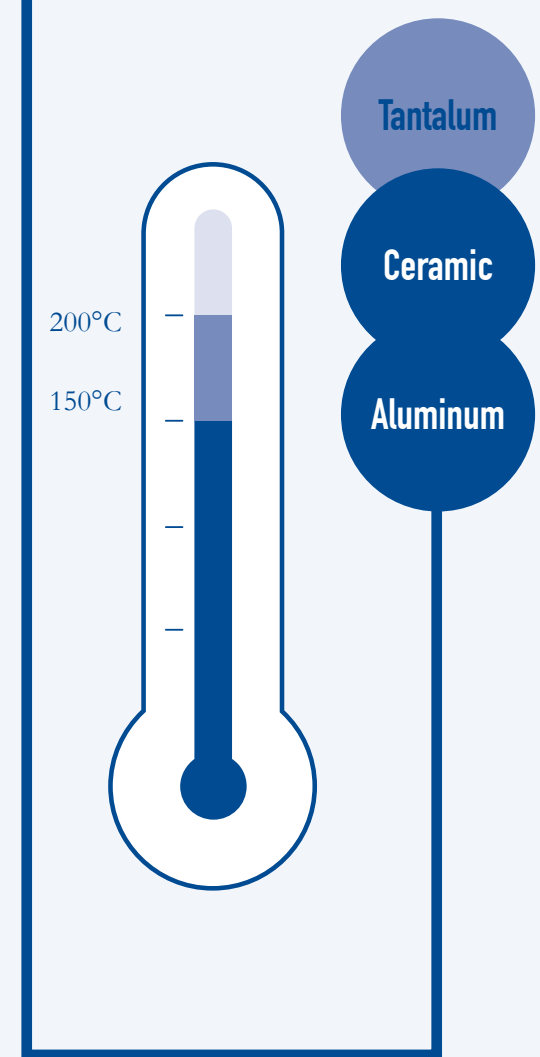
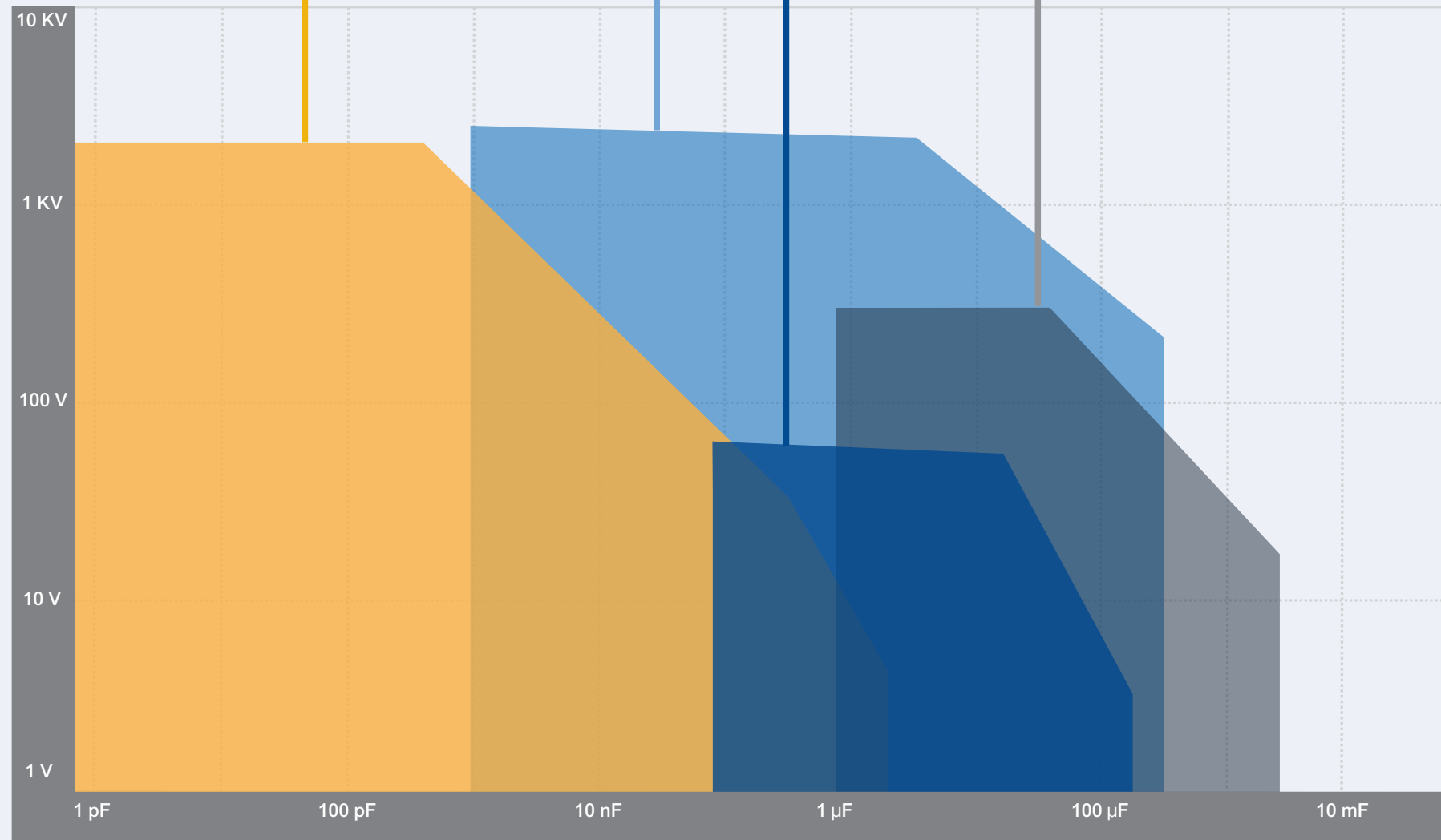
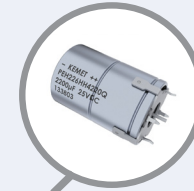
Film



Ta MnO₂ & Polymer



Aluminum Electrolytic



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 R4x C4E R6x F862 R7x LDE R8x P295 SMR PME295	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

KSIM

Capacitor Simulation Tool

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Catalogs and
Technical Data



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