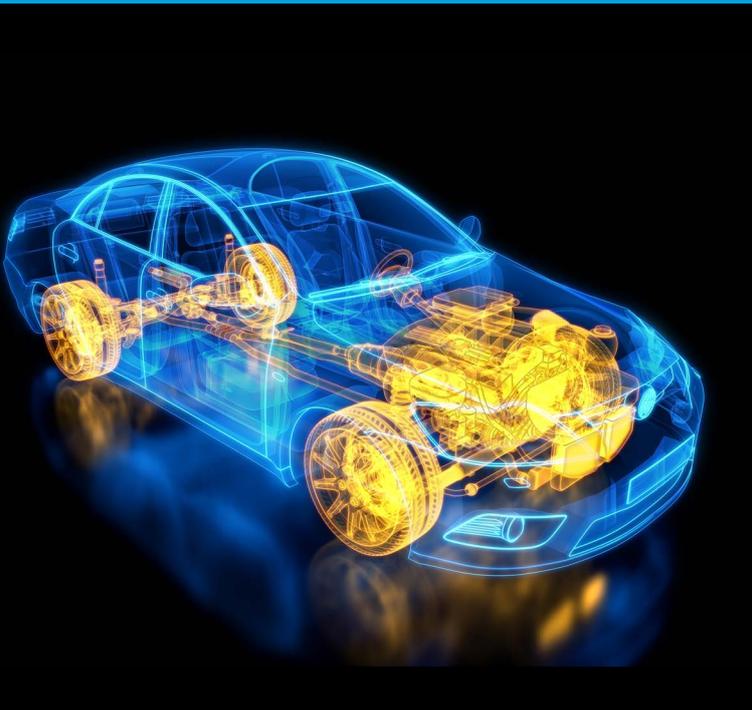




AUTOMOTIVE SUPERCAPACITORS



SUPERCAPACITORS

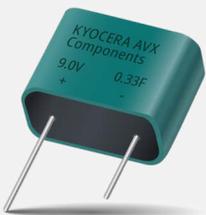
Basic Overview

The series of cylindrical electrochemical double-layer capacitors offers excellent pulse power handling characteristics based on the combination of very high capacitance and very low ESR. Used by themselves or in conjunction with primary or secondary batteries, they provide extended back up time, longer battery life, and provide instantaneous power pulses as needed. Super capacitors offer great solutions to Hold Up, Energy Hold, and Pulse Power Applications.



**SCAN FOR
PRODUCT
OVERVIEW**

SCC Series



SCM Series

Supercapacitors store Energy in an electric field and are known as “fast energy storage”

Typical max operation temperature = 65°C

Max operating temperature = 85°C (Special voltage derated condition)

FEATURES:

- Cap Values from 10F to 100F
- High Pulse Power Capability
- Low ESR
- Low Leakage Current
- Pass AEC-Q200
- Available Voltage 2.7V, 3.0V, 5.0V...

How to Order

SCC	U	30	E	356	S	R	B	Q
Series SuperCap Cylindrical	Diameter U = 16mm V = 18mm	Case Length Two digits represent case length in mm	Voltage Code B = 2.7V E = 3.0V	Capacitance Code 1st two digits represent significant figures 3rd digit represents multiplier (number of zeros to follow)	Tolerance S = +30% / -10%	Lead Format R = Radial	Package B = Bulk	Custom Code Q = AEC-Q200

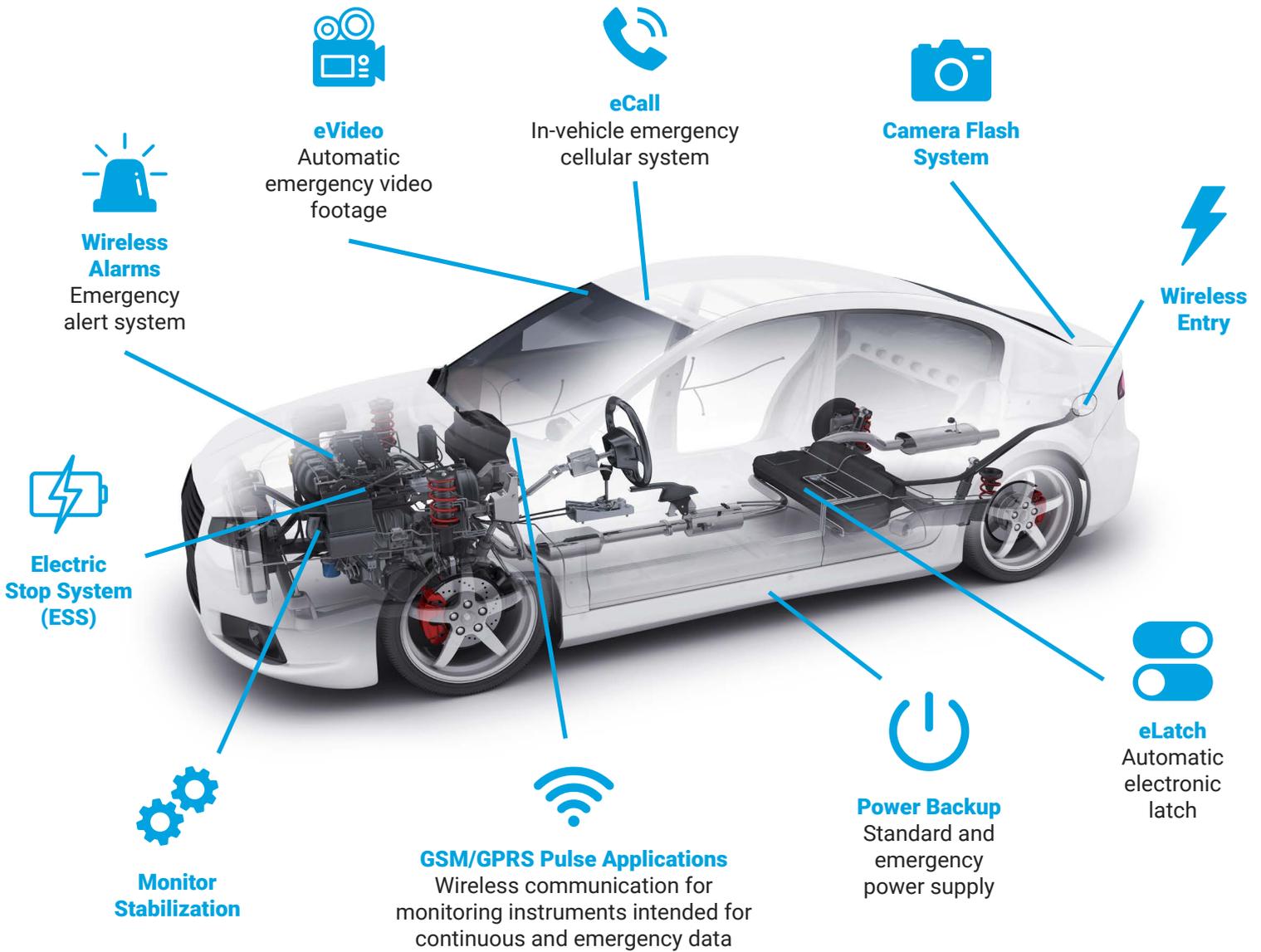
For SCM, call Kyocera AVX, North America

AUTOMOTIVE SUPERCAP

APPLICATIONS



SUPERCAPACITOR APPLICATION





ABOUT KYOCERA AVX

KYOCERA AVX is a worldwide leading supplier of passive electronic components, connectors, passive and active antennas, sensors and control units. KYOCERA AVX offers a wide range of components manufactured to the highest quality and reliability standards.

Our products include ceramic, solid electrolytic and film capacitors, pulse supercapacitors, varistors, thermistors, filters, inductors, diodes, antennas, connectors, crystals, sensors and control units. Our worldwide manufacturing capability includes facilities located in seventeen countries on four continents, allowing us to

continue meeting customer needs on a global basis. KYOCERA AVX is committed to supporting the needs of its customers for applications today and in the future. Together with continuous quality improvement process, KYOCERA AVX components provide reliable solutions for consumer application needs.

As a technology leader, KYOCERA AVX will continue to add to its product portfolio on a regular basis. Details of new devices being offered and their specifications will be shown on the KYOCERA AVX website: WWW.KYOCERA-AVX.COM.

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