

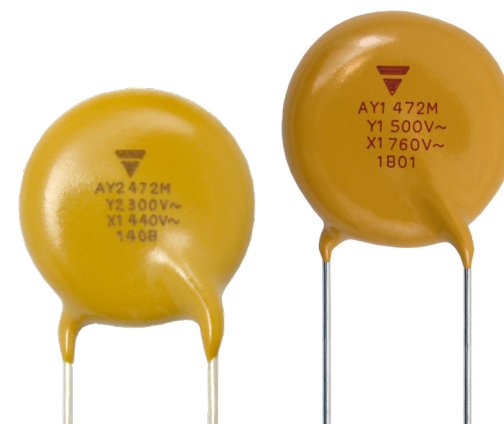


The DNA of tech.®

CAPABILITIES AND CUSTOM OPTIONS

AUTOMOTIVE GRADE CERAMIC SINGLE DISC SAFETY CAPACITORS

Main Application	Advantage
- On-board chargers - External charging stations - Battery management - DC/DC converters	AEC-Q200 qualified
	Passes 3000 temperature cycles (valid for AY2 series)
	Passes 10 kV peak impulse voltage (valid for AY1 series)



CUSTOM OPTIONS

Series	Voltage	Capacitance	Tolerance	Temperature Characteristics	Operating Temperature	Terminal
AY1	X1: 760 V _{AC} Y1: 500 V _{AC} 1500 V _{DC}	15 pF to 4.7 nF	± 20 %	Y5U	-55 °C to +125 °C	Radial leaded
AY2	X1: 440 V _{AC} Y2: 300 V _{AC} 1000 V _{DC}	10 pF to 10 nF	± 10 % ± 20 %	U2J / Y5S / Y5U		

SPECIALITY DEVICES

Packaging	Lead Wire Configuration	Lead Spacing
- Bulk - Ammo - Tape & reel	- Straight leads - Inline kinked leads	5.0 mm 7.5 mm 10.0 mm



THESE SERIES ARE SPECIFIC TO AUTOMOTIVE