



CAPABILITIES AND CUSTOM OPTIONS

AUTOMOTIVE GRADE CERAMIC SINGLE DISC SAFETY CAPACITORS

Main Application	Advantage
<ul style="list-style-type: none"> On-board chargers External charging stations Battery management DC/DC converters 	<ul style="list-style-type: none"> AEC-Q200 qualified
	<ul style="list-style-type: none"> Passes 3000 temperature cycles (valid for AY2 series)
	<ul style="list-style-type: none"> 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}	470 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
<ul style="list-style-type: none"> Bulk Ammo Tape & reel 	<ul style="list-style-type: none"> Straight leads Inline kinked leads 	<ul style="list-style-type: none"> 5.0 mm 7.5 mm 10.0 mm



THESE SERIES ARE SPECIFIC TO AUTOMOTIVE