



**THE DATASHEET OF  
MAL205841332E3**



# ALUMINUM ELECTROLYTIC CAPACITORS

## Large and Screw Terminal

		Snap-In Design								
		Product Family	Series	Focus Series	Voltage	Capacitance	Temperature	Useful Life	Case Size	Additional Features
Low voltage	only 2 pin		<a href="#">256 PMG-SI</a>	•	16 V to 100 V	820 $\mu$ F to 47 000 $\mu$ F	105 °C	up to 5000 h	20 mm x 25 mm to 35 mm x 45 mm	RoHs compliant
			<a href="#">156 PUM-SI</a>		10 V to 100 V	1000 $\mu$ F to 22 000 $\mu$ F	85 °C	$\geq$ 5000 h	22 mm x 25 mm to 35 mm x 60 mm	RoHs compliant
	2 and 3 pin		<a href="#">056 PSM-SI</a>		10 V to 100 V	470 $\mu$ F to 68 000 $\mu$ F	85 °C	$\geq$ 12 000 h	22 mm x 25 mm to 35 mm x 60 mm	RoHs compliant
			<a href="#">158 PUL-SI</a>		16 V to 100 V	560 $\mu$ F to 47 000 $\mu$ F	105 °C	$\geq$ 5000 h	22 mm x 25 mm to 35 mm x 60 mm	RoHs compliant
			<a href="#">090 PUL-SI</a>		25 to 100 V	560 $\mu$ F to 47 000 $\mu$ F	105 °C	$\geq$ 5000 h	22 mm x 25 mm to 35 mm x 60 mm	RoHs compliant, small case sizes, high ripple current
<a href="#">058 PLL-SI</a>		10 V to 100 V	330 $\mu$ F to 47 000 $\mu$ F	105 °C	up to 10 000 h	22 mm x 25 mm to 35 mm x 60 mm	RoHs compliant			
High voltage	only 2 pin		<a href="#">093 PMG-SI</a>		200 V to 450 V	68 $\mu$ F to 2200 $\mu$ F	85 °C	$\geq$ 2000 h	22 mm x 25 mm to 35 mm x 50 mm	RoHs compliant
			<a href="#">094 PME-SI</a>		200 V to 450 V	56 $\mu$ F to 2200 $\mu$ F	105 °C	$\geq$ 2000 h	22 mm x 25 mm to 35 mm x 60 mm	RoHs compliant
			<a href="#">193 PUR-SI solar</a>		450 V to 500 V	220 $\mu$ F to 560 $\mu$ F	105 °C	up to 6000 h	35 mm x 30 mm to 35 mm x 60 mm	RoHs compliant, designed for PV solar inverters
	2 and 3 pin		<a href="#">157 PUM-SI</a>	•	200 V to 500 V	47 $\mu$ F to 2200 $\mu$ F	85 °C	$\geq$ 5000 h	22 mm x 25 mm to 35 mm x 60 mm	RoHs compliant
			<a href="#">057 PSM-SI</a>		200 V to 450 V	47 $\mu$ F to 1500 $\mu$ F	85 °C	up to 12 000 h	22 mm x 25 to 35 mm x 60 mm	RoHs compliant
			<a href="#">198 PHR-SI</a>		400 V to 450 V	56 $\mu$ F to 680 $\mu$ F	85 °C	$\geq$ 15 000 h	22 mm x 25 mm to 35 mm x 60 mm	RoHs compliant, longest life time, high ripple current
			<a href="#">159 PUL-SI</a>	•	200 V to 500 V	56 $\mu$ F to 1800 $\mu$ F	105 °C	up to 5000 h	22 mm x 25 mm to 35 mm x 60 mm	RoHs compliant
			<a href="#">059 PLL-SI</a>		200 V to 400 V	33 $\mu$ F to 1000 $\mu$ F	105 °C	$\geq$ 10 000 h	22 mm x 25 mm to 35 mm x 60 mm	RoHs compliant
	4-pin		<a href="#">096 PLL-4TSI</a>	•	350 V to 500 V	390 $\mu$ F to 2700 $\mu$ F	85 °C	$\geq$ 5000 h	35 mm x 50 mm to 45 mm x 100 mm	RoHs compliant
			<a href="#">095 PLL-4TSI</a>		350 V to 450 V	390 $\mu$ F to 2200 $\mu$ F	85 °C	$\geq$ 10 000 h	35 mm x 50 mm to 45 mm x 100 mm	RoHs compliant



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# ALUMINUM ELECTROLYTIC CAPACITORS

## Large and Screw Terminal

		DIN-PW Design								
		Product Family	Series	Focus Series	Voltage	Capacitance	Temperature	Useful Life	Case Size	Additional Features
Low voltage	Solder lug	 Vishay BCcomponents	<a href="#">050 PED-PW</a>		10 V to 100 V	470 $\mu$ F to 68 000 $\mu$ F	85 °C	$\geq$ 15 000 h	25 mm x 30 mm to 40 mm x 100 mm	RoHs compliant
			<a href="#">051 PEC-PW</a>		10 V to 100 V	680 $\mu$ F to 150 000 $\mu$ F	85 °C	$\geq$ 12 000 h	25 mm x 30 mm to 40 mm x 100 mm	RoHs compliant
	Printed wiring	 Vishay BCcomponents	<a href="#">050 PED-PW</a>		10 V to 100 V	470 $\mu$ F to 68 000 $\mu$ F	85 °C	$\geq$ 15 000 h	25 mm x 30 mm to 40 mm x 100 mm	RoHs compliant
			<a href="#">162 PLL-PW</a>		10 V to 100 V	470 $\mu$ F to 150 000 $\mu$ F	105 °C	$\geq$ 5000 h	25 mm x 30 mm to 40 mm x 100 mm	RoHs compliant
High voltage	Printed wiring	 Vishay BCcomponents	<a href="#">096 PLL-PW</a>		350 V to 500 V	390 $\mu$ F to 2700 $\mu$ F	85 °C	$\geq$ 5000 h	35 mm x 50 mm to 45 mm x 100 mm	RoHs compliant
			<a href="#">095 PLL-PW</a>		350 V to 450 V	390 $\mu$ F to 2200 $\mu$ F	85 °C	$\geq$ 10 000 h	35 mm x 50 mm to 45 mm x 100 mm	RoHs compliant
			<a href="#">053 PEC-PW</a>		200 V to 400 V	68 $\mu$ F to 2200 $\mu$ F	85 °C	$\geq$ 12 000 h	25 mm x 30 mm to 40 mm x 100 mm	RoHs compliant
			<a href="#">052 PED-PW</a>		250 V to 400 V	47 $\mu$ F to 1000 $\mu$ F	85 °C	$\geq$ 15 000 h	25 mm x 30 mm to 40 mm x 100 mm	RoHs compliant
			<a href="#">163 PLL-PW</a>		200 V to 400 V	68 $\mu$ F to 3300 $\mu$ F	105 °C	$\geq$ 5000 h	25 mm x 30 mm to 40 mm x 100 mm	RoHs compliant

		Screw-Terminal Design								
		Product Family	Series	Focus Series	Voltage	Capacitance	Temperature	Useful Life	Case Size	Additional Features
Low voltage	Screw terminal	 Vishay BCcomponents	<a href="#">101 PHR-ST</a>	•	25 V to 100 V	2200 $\mu$ F to 1 F	85 °C	$\geq$ 15 000 h	35 mm x 60 mm to 90 mm x 220 mm	RoHs compliant
			<a href="#">106 PED-ST</a>		25 V to 100 V	1000 $\mu$ F to 330 000 $\mu$ F	85 °C	$\geq$ 20 000 h	35 mm x 60 mm to 90 mm x 220 mm	RoHs compliant
High voltage	Screw terminal	 Vishay BCcomponents	<a href="#">500 PGP-ST</a>		400 V to 450 V	1000 $\mu$ F to 15 000 $\mu$ F	85 °C	$\geq$ 2000 h	50 mm x 80 mm to 90 mm x 220 mm	RoHs compliant
			<a href="#">102 PHR-ST</a>	•	200 V to 450 V	220 $\mu$ F to 33 000 $\mu$ F	85 °C	$\geq$ 10 000 h	35 mm x 60 mm to 90 mm x 220 mm	RoHs compliant
			<a href="#">110 PHT-ST</a>		250 V to 450 V	6000 $\mu$ F	85 °C	$\geq$ 10 000 h	76 mm x 146 mm to 76 mm x 220 mm	RoHs compliant, designed for traction applications
			<a href="#">104 PHL-ST</a>	•	200 V to 450 V	150 $\mu$ F to 33 000 $\mu$ F	105 °C	$\geq$ 5000 h	35 mm x 60 mm to 90 mm x 220 mm	RoHs compliant

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