

**KEMET Part Number: ALS70A132KE500**  
(A390LH132M500A)

ALS70, Aluminum Electrolytic, 1,300 uF, 20%, 500 VDC, -40/+85°C



General Information	
<b>Supplier:</b>	KEMET
<b>Series:</b>	ALS70
<b>Dielectric:</b>	Aluminum Electrolytic
<b>Description:</b>	Screw Terminal, Aluminum Electrolytic
<b>RoHS:</b>	Yes
<b>AEC-Q200:</b>	No
<b>Notes:</b>	Dimensions D And L Include Slewing. MS (MxH) = M12x16. Mounting Clip (Sold Separately): V4/2737

Dimensions	
<b>D</b>	51mm +/-1mm
<b>L</b>	82mm +/-2mm
<b>T</b>	5.5mm +/-0.5mm
<b>S</b>	22.2mm +/-0.5mm
<b>DT</b>	13mm +/-0.5mm
<b>LT</b>	86.5mm +/-1mm
<b>TD</b>	10mm MIN
<b>V</b>	13.7mm NOM
<b>Z</b>	10mm NOM

Specifications	
<b>Capacitance:</b>	1,300 uF
<b>Capacitance Tolerance:</b>	20%
<b>Voltage DC:</b>	500 VDC, 550 VDC (Surge)
<b>Temperature Range:</b>	-40/+85°C
<b>Rated Temperature:</b>	85°C
<b>Life:</b>	18000 Hrs (Rated Voltage And Ripple Current At 85C), 36000 Hrs (Rated Voltage At 85C)
<b>Resistance:</b>	203 mOhms (100Hz 20C), 154 mOhms (10kHz 20C)
<b>Ripple Current:</b>	6.4 Amps (100Hz 85C), 11.1 Amps (10 kHz 85C)
<b>Leakage Current:</b>	3900 uA

Packaging Specifications	
<b>Weight:</b>	220 g
<b>Slewing:</b>	Yes
<b>Packaging:</b>	Tray

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.