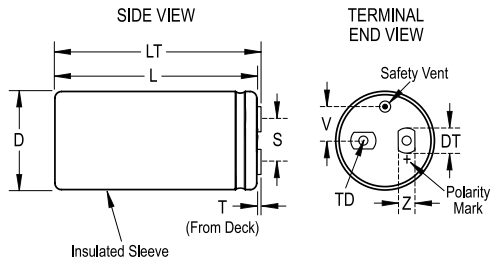


**KEMET Part Number: ALS70A103NT500**  
(A390TW103M500A)

ALS70, Aluminum Electrolytic, 10,000 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): V11

**Dimensions**

<b>D</b>	77mm +/-1mm
<b>L</b>	220mm +/-2mm
<b>T</b>	5.5mm +/-0.5mm
<b>S</b>	31.8mm +/-0.5mm
<b>DT</b>	13mm +/-0.5mm
<b>LT</b>	224.5mm +/-1mm
<b>TD</b>	10mm MIN
<b>V</b>	19mm NOM
<b>Z</b>	10mm NOM

**Specifications**

<b>Capacitance:</b>	10,000 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>	20000 Hrs (Rated Voltage And Ripple Current At 85C), 40000 Hrs (Rated Voltage At 85C)
<b>Resistance:</b>	30 mOhms (100Hz 20C), 24 mOhms (10kHz 20C)
<b>Ripple Current:</b>	21.4 Amps (100Hz 85C), 28.7 Amps (10 kHz 85C)
<b>Leakage Current:</b>	6000 uA

**Packaging Specifications**

<b>Weight:</b>	1.45 kg
<b>Slewing:</b>	Yes
<b>Packaging:</b>	Tray

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