

**KEMET Part Number: ALS30A102KF450**  
(A331LM102M450A)



ALS30, Aluminum Electrolytic, 1,000 uF, 20%, 450 VDC, -40/+85°C



General Information	
<b>Series:</b>	ALS30
<b>Dielectric:</b>	Aluminum Electrolytic
<b>Description:</b>	Screw Terminal, Aluminum Electrolytic
<b>RoHS:</b>	Yes
<b>AEC-Q200:</b>	No
<b>Component Weight:</b>	300 g
<b>Notes:</b>	Dimensions D And L Include Slewing. MS (MxH) = M12x16. Mounting Clamp (Sold Separately): V4/2737
<b>Shelf Life:</b>	156 Weeks

Dimensions	
<b>D</b>	51mm +/-1mm
<b>L</b>	105mm +/-2mm
<b>T</b>	5.5mm +/-0.5mm
<b>S</b>	22.2mm +/-0.5mm
<b>DT</b>	13mm +/-0.5mm
<b>LT</b>	110.5mm +/-1mm
<b>TD</b>	10mm MIN
<b>V</b>	13.7mm NOM
<b>Z</b>	10mm NOM

Specifications	
<b>Capacitance:</b>	1,000 uF
<b>Capacitance Tolerance:</b>	20%
<b>Voltage DC:</b>	450 VDC, 495 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>	118 mOhms (100Hz 20C), 79 mOhms (10kHz 20C)
<b>Ripple Current:</b>	6.5 Amps (100Hz 85C), 12.6 Amps (10kHz 85C)
<b>Leakage Current:</b>	2700 uA (5min 20°C)

Packaging Specifications	
<b>Slewing:</b>	Yes
<b>Packaging:</b>	Bulk, Box

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