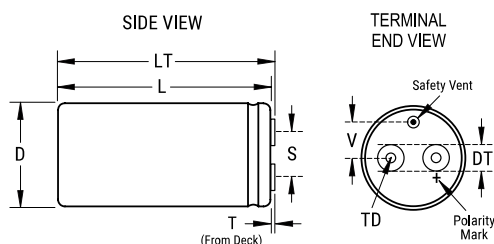


**KEMET Part Number: ALS30A682DF100**  
(A331FM682M100A)

ALS30, Aluminum Electrolytic, 6,800 uF, 20%, 100 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>Notes:</b>	Dimensions D And L Include Slewing. MS (MxH) = M8x12. Mounting Clip (Sold Separately): V3/H2/UTE2736
<b>Shelf Life:</b>	156 Weeks

### Dimensions

<b>D</b>	36mm +/-1mm
<b>L</b>	105mm +/-2mm
<b>T</b>	7.14mm +/-0.5mm
<b>S</b>	12.8mm +/-0.5mm
<b>DT</b>	8mm +/-0.5mm
<b>LT</b>	111.5mm +/-1mm
<b>TD</b>	10mm MIN
<b>V</b>	8mm NOM

### Packaging Specifications

<b>Weight:</b>	140 g
<b>Slewing:</b>	Yes
<b>Packaging:</b>	Bulk, Box

### Specifications

<b>Capacitance:</b>	6,800 uF
<b>Capacitance Tolerance:</b>	20%
<b>Voltage DC:</b>	100 VDC, 115 VDC (Surge)
<b>Temperature Range:</b>	-40/+85°C
<b>Rated Temperature:</b>	85°C
<b>Life:</b>	11000 Hrs (Rated Voltage And Ripple Current At 85C), 22000 Hrs (Rated Voltage At 85C)
<b>Resistance:</b>	23 mOhms (100Hz 20C), 19 mOhms (10kHz 20C)
<b>Ripple Current:</b>	10 Amps (100Hz 85C), 11.1 Amps (10kHz 85C)
<b>Leakage Current:</b>	4080 uA (5min 20°C)