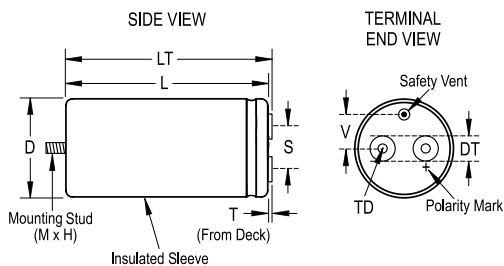


**KEMET Part Number: ALS31A153DB040**  
(A431FD153M040A)

ALS31, Aluminum Electrolytic, 15,000 uF, 20%, 40 VDC, -40/+85°C



General Information	
<b>Supplier:</b>	KEMET
<b>Series:</b>	ALS31
<b>Dielectric:</b>	Aluminum Electrolytic
<b>Description:</b>	Screw Terminal, Aluminum Electrolytic
<b>RoHS:</b>	Yes
<b>Mounting:</b>	Stud
<b>AEC-Q200:</b>	No
<b>Notes:</b>	Dimensions D And L Include Sleeving. MS (MxH) = M8x12

Dimensions	
<b>D</b>	36mm +/-1mm
<b>L</b>	62mm +/-2mm
<b>T</b>	7.14mm +/-0.5mm
<b>S</b>	12.8mm +/-0.5mm
<b>DT</b>	8mm +/-0.5mm
<b>LT</b>	67.5mm +/-1mm
<b>TD</b>	10mm MIN
<b>V</b>	8mm NOM

Specifications	
<b>Capacitance:</b>	15,000 uF
<b>Capacitance Tolerance:</b>	20%
<b>Voltage DC:</b>	40 VDC, 46 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>	17 mOhms (100Hz 20C), 14 mOhms (10kHz 20C)
<b>Ripple Current:</b>	9.5 Amps (100Hz 85C), 10 Amps (10kHz 85C)
<b>Leakage Current:</b>	3600 uA (5min 20°C)

Packaging Specifications	
<b>Weight:</b>	90 g
<b>Sleeving:</b>	Yes
<b>Packaging:</b>	Bulk, Box

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