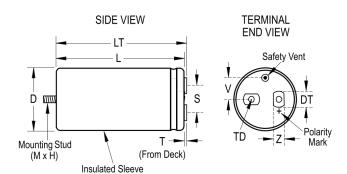


## ALS31A683QP100

Aliases (A431US683M100A)

ALS31, Aluminum Electrolytic, 68,000 uF, 20%, 100 VDC, -40/+85°C



Click here for the 3D model.

Dimensions	
D	90mm +/-1mm
L	146mm +/-2mm
Т	5.5mm +/-0.5mm
S	31.8mm +/-0.5mm
DT	13mm +/-0.5mm
LT	149.5mm +/-1mm
TD	10mm MIN
V	25mm NOM
Z	10mm NOM

Packaging Specifications	
Sleeving	Yes
Packaging	Bulk, Box

General Information		
Series	ALS31	
Dielectric	Aluminum Electrolytic	
Description	Screw Terminal, Aluminum Electrolytic	
RoHS	Yes	
AEC-Q200	No	
Component Weight	1345 g	
Notes	Dimensions D And L Include Sleeving. MS (MxH) = M12x16.	
Shelf Life	156 Weeks	

Specifications	
Capacitance	68,000 uF
Capacitance Tolerance	20%
Voltage DC	100 VDC, 115 VDC (Surge)
Temperature Range	-40/+85°C
Rated Temperature	85°C
Life	20000 Hrs (Rated Voltage And Ripple Current At 85C), 40000 Hrs (Rated Voltage At 85C)
Resistance	9 mOhms (100Hz 20C), 8 mOhms (10kHz 20C)
Ripple Current	29.4 Amps (100Hz 85C), 29.8 Amps (10kHz 85C)
Leakage Current	6000 uA (5min 20°C)

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