

# ALS81C272LM500

ALS81, Aluminum, Aluminum Electrolytic, 2,700 uF, 20%, 500 VDC, -40/+105°C, 28.5 mm



Click [here](#) for the 3D model.

## General Information

Series	ALS81
Dielectric	Aluminum Electrolytic
Description	Screw Terminal, Aluminum Electrolytic
RoHS	Yes
Lead	Screw Terminals M6
Mounting	Through-Hole
Optional Mounting	Stud
Halogen Free	Yes
Typical Component Weight	600 g
Notes	Dimensions D And L Include Slewing. MS (MxH) = M12x16. Mounting Clamp (Sold Separately): V8
Shelf Life	156 Weeks

## Dimensions

D	63.5mm +/-1mm
L	131mm +/-2mm
T	5.5mm +/-0.5mm
S	28.5mm +/-0.5mm
DT	13mm +/-0.5mm
LT	Available On Request
TD	10mm MIN
V	15.8mm NOM

## Packaging Specifications

Slewing	Yes
Packaging	Tray

## Specifications

Capacitance	2,700 uF
Tolerance	20%
Voltage DC	500 VDC, 550 VDC (Surge)
Temperature Range	-40/+105°C
Rated Temperature	105°C
Life	8000 Hrs (Rated Voltage And Ripple Current At 105C), 13000 Hrs (Rated Voltage at 105C)
ESR	80 mOhms (100Hz 20C), 60 mOhms (10kHz 20C)
Ripple Current	10.5 Amps (100Hz 105C), 18.8 Amps (10 kHz 105C)
Leakage Current	4050 uA

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