

## ALS81P562NP450

ALS81, Aluminum, Aluminum Electrolytic, 5,600 uF, 20%, 450 VDC, -40/+105°C, 31.8 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	960 g
Notes	Dimensions D And L Include Slewing. MS (MxH) = M12x16. Mounting Clamp (Sold Separately): V11
Shelf Life	156 Weeks

### Dimensions

D	77mm +/-1mm
L	146mm +/-2mm
T	7.1mm +/-0.5mm
S	31.8mm +/-0.5mm
DT	17mm +/-0.5mm
LT	Available On Request
TD	11.8mm MIN
V	19mm NOM

### Packaging Specifications

Slewing	Yes
Packaging	Tray

### Specifications

Capacitance	5,600 uF
Tolerance	20%
Voltage DC	450 VDC, 495 VDC (Surge)
Temperature Range	-40/+105°C
Rated Temperature	105°C
Life	9000 Hrs (Rated Voltage And Ripple Current At 105C), 15000 Hrs (Rated Voltage At 105C)
ESR	33 mOhms (100Hz 20C), 22 mOhms (10kHz 20C)
Ripple Current	14.7 Amps (100Hz 105C), 22.4 Amps (10 kHz 105C)
Leakage Current	6000 uA

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