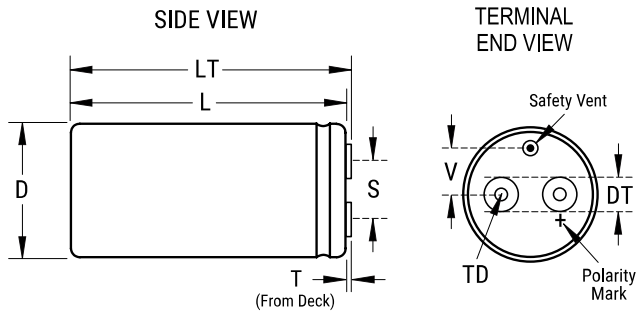


## ALS70A511DB450

ALS70, Aluminum, Aluminum Electrolytic, 510 uF, 20%, 450 VDC, -40/+85°C, 12.8 mm



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

### General Information

Series	ALS70
Dielectric	Aluminum Electrolytic
Description	Screw Terminal, Aluminum Electrolytic
RoHS	Yes
Lead	Screw Terminals M5
Mounting	Through-Hole
AEC-Q200	No
Halogen Free	Yes
Typical Component Weight	90 g
Notes	Dimensions D And L Include Slewing. MS (MxH) = M8x12. Mounting Clamp (Sold Separately): V3/H2/2736
Shelf Life	156 Weeks

### Specifications

Capacitance	510 uF
Tolerance	20%
Voltage DC	450 VDC, 495 VDC (Surge)
Temperature Range	-40/+85°C
Rated Temperature	85°C
Life	11000 Hrs (Rated Voltage And Ripple Current At 85C), 22000 Hrs (Rated Voltage At 85C)
ESR	337 mOhms (100Hz 20C), 212 mOhms (10kHz 20C)
Ripple Current	3.2 Amps (100Hz 85C), 6.9 Amps (10kHz 85C)
Leakage Current	1377 uA

### Dimensions

D	36mm +/-1mm
L	62mm +/-2mm
T	7.1mm +/-0.5mm
S	12.8mm +/-0.5mm
DT	8mm +/-0.5mm
LT	67.5mm +/-1mm
TD	10mm MIN
V	8mm NOM

### Packaging Specifications

Slewing	Yes
Packaging	Tray

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