

## ALS70A821DF550

ALS70, Aluminum, Aluminum Electrolytic, 820 uF, 20%, 550 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
Halogen Free	Yes
Typical Component Weight	140 g
Notes	Dimensions D And L Include Sleeving. MS (MxH) = M8x12. Mounting Clamp (Sold Separately): V3/H2/2736
Shelf Life	156 Weeks

### Specifications

Capacitance	820 uF
Tolerance	20%
Voltage DC	550 VDC, 605 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	542 mOhms (100Hz 20C), 473 mOhms (10kHz 20C)
Ripple Current	4.4 Amps (100Hz 85C), 7.3 Amps (10kHz 85C)
Leakage Current	2706 uA

Dimensions	
D	36mm +/-1mm
L	105mm +/-2mm
T	7.1mm +/-0.5mm
S	12.8mm +/-0.5mm
DT	8mm +/-0.5mm
LT	111.5mm +/-1mm
TD	10mm MIN
V	8mm NOM
Packaging Specifications	
Sleeving	Yes
Packaging	Tray

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