

## ALS71A272MF550

ALS71, Aluminum, Aluminum Electrolytic, 2,700 uF, 20%, 550 VDC, -40/+85°C, 28.5 mm



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

### General Information

Series	ALS71
Dielectric	Aluminum Electrolytic
Description	Screw Terminal, Aluminum Electrolytic
RoHS	Yes
Lead	Oval Threaded Inserts M5
Mounting	Through-Hole
Optional Mounting	Stud
AEC-Q200	No
Halogen Free	Yes
Typical Component Weight	505 g
Notes	Dimensions D And L Include Slewing. MS (MxH) = M12x16. Mounting Clamp (Sold Separately): V10/2738
Shelf Life	156 Weeks

### Dimensions

D	66mm +/-1mm
L	105mm +/-2mm
T	5.5mm +/-0.5mm
S	28.5mm +/-0.5mm
DT	13mm +/-0.5mm
LT	110.5mm +/-1mm
TD	10mm MIN
V	15.8mm NOM
Z	10mm NOM

### Packaging Specifications

Slewing	Yes
Packaging	Tray

### Specifications

Capacitance	2,700 uF
Tolerance	20%
Voltage DC	550 VDC, 605 VDC (Surge)
Temperature Range	-40/+85°C
Rated Temperature	85°C
Life	19000 Hrs (Rated Voltage And Ripple Current At 85C), 38000 Hrs (Rated Voltage At 85C)
ESR	162 mOhms (100Hz 20C), 140 mOhms (10kHz 20C)
Ripple Current	11.1 Amps (100Hz 85C), 17 Amps (10kHz 85C)
Leakage Current	6000 uA

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