

## ALS81A122KE500

ALS81, Aluminum, Aluminum Electrolytic, 1,200 uF, 20%, 500 VDC, -40/+105°C, 22.2 mm



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

### General Information

Series	ALS81
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	220 g
Notes	Dimensions D And L Include Slewing. MS (MxH) = M12x16. Mounting Clamp (Sold Separately): V4/2737
Shelf Life	156 Weeks

### Specifications

Capacitance	1,200 uF
Tolerance	20%
Voltage DC	500 VDC, 550 VDC (Surge)
Temperature Range	-40/+105°C
Rated Temperature	105°C
Life	7000 Hrs (Rated Voltage And Ripple Current At 105°C), 11000 Hrs (Rated Voltage at 105°C)
ESR	189 mOhms (100Hz 20C), 141 mOhms (10kHz 20C)
Ripple Current	5.7 Amps (100Hz 105C), 10.8 Amps (10 kHz 105C)
Leakage Current	1800 uA

### Dimensions

D	51mm +/-1mm
L	82mm +/-2mm
T	5.5mm +/-0.5mm
S	22.2mm +/-0.5mm
DT	13mm +/-0.5mm
LT	86.5mm +/-1mm
TD	10mm MIN
V	13.7mm NOM
Z	10mm NOM

### Packaging Specifications

Slewing	Yes
Packaging	Tray

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