

# ALS81A163KF100

ALS81, Aluminum, Aluminum Electrolytic, 16,000 uF, 20%, 100 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
Halogen Free	Yes
Typical Component Weight	300 g
Notes	Dimensions D And L Include Slewing. MS (MxH) = M12x16. Mounting Clamp (Sold Separately): V4/2737
Shelf Life	156 Weeks

## Dimensions

D	51mm +/-1mm
L	105mm +/-2mm
T	5.5mm +/-0.5mm
S	22.2mm +/-0.5mm
DT	13mm +/-0.5mm
LT	110.5mm +/-1mm
TD	10mm MIN
V	13.7mm NOM
Z	10mm NOM

## Packaging Specifications

Slewing	Yes
Packaging	Tray

## Specifications

Capacitance	16,000 uF
Tolerance	20%
Voltage DC	100 VDC, 115 VDC (Surge)
Temperature Range	-40/+105°C
Rated Temperature	105°C
Life	7000 Hrs (Rated Voltage And Ripple Current At 105C), 11000 Hrs (Rated Voltage at 105C)
ESR	23 mOhms (100Hz 20C), 19 mOhms (10kHz 20C)
Ripple Current	14.7 Amps (100Hz 105C), 17.8 Amps (10 kHz 105C)
Leakage Current	4800 uA

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