

## ALS41A681KF450

ALS41, Aluminum, Aluminum Electrolytic, 680 uF, 20%, 450 VDC, -40/+105°C, 22.2 mm



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

### General Information

Series	ALS41
Dielectric	Aluminum Electrolytic
Description	Screw Terminal, Aluminum Electrolytic
RoHS	Yes
Lead	Screw Terminals M5
Mounting	Through-Hole
Optional Mounting	Stud
AEC-Q200	No
Halogen Free	No
Typical Component Weight	300 g
Notes	Dimensions D And L Include Slewing. MS (MxH) = M12x16.
Shelf Life	156 Weeks

### Specifications

Capacitance	680 uF
Tolerance	20%
Voltage DC	450 VDC, 495 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	164 mOhms (100Hz 20°C), 84 mOhms (10kHz 20°C)
Ripple Current	5.3 Amps (100Hz 105°C), 11.3 Amps (10kHz 105°C)
Leakage Current	918 uA (5min 20°C)

### 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	Bulk, Box

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