

ALS81A512NJ450

Aliases (A481TN512M450A)

ALS81, Aluminum Electrolytic, 5,100 uF, 20%, 450 VDC, -40/+105°C



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Dimensions

D	77mm +/-1mm
L	115mm +/-2mm
T	5.5mm +/-0.5mm
S	31.8mm +/-0.5mm
DT	13mm +/-0.5mm
LT	119mm +/-1mm
TD	10mm MIN
V	19mm NOM
Z	10mm NOM

Packaging Specifications

Sleeving	Yes
Packaging	Tray

General Information

Series	ALS81
Dielectric	Aluminum Electrolytic
Description	Screw Terminal, Aluminum Electrolytic
RoHS	Yes
Mounting	Stud
AEC-Q200	No
Halogen Free	Yes
Component Weight	766 g
Notes	Dimensions D And L Include Sleeving. MS (MxH) = M12x16. Mounting Clamp (Sold Separately): V11
Shelf Life	156 Weeks

Specifications

Capacitance	5,100 uF
Capacitance Tolerance	20%
Voltage DC	450 VDC, 495 VDC (Surge)
Temperature Range	-40/+105°C
Rated Temperature	105°C
Life	9000 Hrs (Rated Voltage And Ripple Current At 105C), 15000 Hrs (Rated Voltage At 105C)
Resistance	37 mOhms (100Hz 20C), 25 mOhms (10kHz 20C)
Ripple Current	13.5 Amps (100Hz 105C), 20.2 Amps (10 kHz 105C)
Leakage Current	6000 uA

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