

ALS71A512NJ500

Aliases (A490TN512M500A)

ALS71, Aluminum Electrolytic, 5,100 uF, 20%, 500 VDC, -40/+85°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	ALS71
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	500 VDC, 550 VDC (Surge)
Temperature Range	-40/+85°C
Rated Temperature	85°C
Life	20000 Hrs (Rated Voltage And Ripple Current At 85C), 40000 Hrs (Rated Voltage At 85C)
Resistance	55 mOhms (100Hz 20C), 43 mOhms (10kHz 20C)
Ripple Current	15.2 Amps (100Hz 85C), 21.7 Amps (10kHz 85C)
Leakage Current	6000 uA

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