

ALS31A472DE100

ALS31, Aluminum, Aluminum Electrolytic, 4,700 uF, 20%, 100 VDC, -40/+85°C, 12.8 mm



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General Information

Series	ALS31
Dielectric	Aluminum Electrolytic
Description	Screw Terminal, Aluminum Electrolytic
RoHS	Yes
Lead	Screw Terminals M5
Mounting	Through-Hole
Typical Component Weight	115 g
Notes	Dimensions D And L Include Slewing. MS (MxH) = M8x12.
Shelf Life	156 Weeks

Dimensions

D	36mm +/-1mm
L	82mm +/-2mm
T	7.1mm +/-0.5mm
S	12.8mm +/-0.5mm
DT	8mm +/-0.5mm
LT	87.5mm +/-1mm
TD	10mm MIN
V	8mm NOM

Packaging Specifications

Slewing	Yes
Packaging	Bulk, Box

Specifications

Capacitance	4,700 uF
Tolerance	20%
Voltage DC	100 VDC, 115 VDC (Surge)
Temperature Range	-40/+85°C
Rated Temperature	85°C
Life	11000 Hrs (Rated Voltage And Ripple Current At 85C), 22000 Hrs (Rated Voltage At 85C)
ESR	33 mOhms (100Hz 20C), 27 mOhms (10kHz 20C)
Ripple Current	7.9 Amps (100Hz 85C), 8.8 Amps (10kHz 85C)
Leakage Current	2820 uA (5min 20°C)

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