

## ALS31A471DE400

ALS31, Aluminum, Aluminum Electrolytic, 470 uF, 20%, 400 VDC, -40/+85°C, 12.8 mm



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

### 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 Sleevings. 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

Sleevings	Yes
Packaging	Bulk, Box

### Specifications

Capacitance	470 uF
Tolerance	20%
Voltage DC	400 VDC, 440 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	267 mOhms (100Hz 20C), 182 mOhms (10kHz 20C)
Ripple Current	3.5 Amps (100Hz 85C), 7.1 Amps (10kHz 85C)
Leakage Current	1128 uA (5min 20°C)

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