

## ALS31A154NF040

ALS31, Aluminum, Aluminum Electrolytic, 150,000 uF, 20%, 40 VDC, -40/+85°C, 31.8 mm



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

### General Information

Series	ALS31
Dielectric	Aluminum Electrolytic
Description	Screw Terminal, Aluminum Electrolytic
RoHS	Yes
Lead	Oval Threaded Inserts M5
Mounting	Through-Hole
AEC-Q200	No
Typical Component Weight	690 g
Notes	Dimensions D And L Include Slewing. MS (MxH) = M12x16.
Shelf Life	156 Weeks

### Specifications

Capacitance	150,000 uF
Tolerance	20%
Voltage DC	40 VDC, 46 VDC (Surge)
Temperature Range	-40/+85°C
Rated Temperature	85°C
Life	20000 Hrs (Rated Voltage And Ripple Current At 85°C), 40000 Hrs (Rated Voltage at 85°C)
ESR	8 mOhms (100Hz 20C), 8 mOhms (10kHz 20C)
Ripple Current	26.8 Amps (100Hz 85C), 30.2 Amps (10kHz 85C)
Leakage Current	6000 uA (5min 20°C)

### Dimensions

D	77mm +/-1mm
L	105mm +/-2mm
T	5.5mm +/-0.5mm
S	31.8mm +/-0.5mm
DT	13mm +/-0.5mm
LT	110.5mm +/-1mm
TD	10mm MIN
V	19mm NOM
Z	10mm NOM

### Packaging Specifications

Slewing	Yes
Packaging	Bulk, Box

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