

## ALS31A103NP250

ALS31, Aluminum, Aluminum Electrolytic, 10,000 uF, 20%, 250 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	960 g
Notes	Dimensions D And L Include Sleeving. MS (MxH) = M12x16.
Shelf Life	156 Weeks

### Specifications

Capacitance	10,000 uF
Tolerance	20%
Voltage DC	250 VDC, 288 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)
ESR	19 mOhms (100Hz 20C), 16 mOhms (10kHz 20C)
Ripple Current	21.6 Amps (100Hz 85C), 24 Amps (10kHz 85C)
Leakage Current	6000 uA (5min 20°C)

### Dimensions

D	77mm +/-1mm
L	146mm +/-2mm
T	5.5mm +/-0.5mm
S	31.8mm +/-0.5mm
DT	13mm +/-0.5mm
LT	150.5mm +/-1mm
TD	10mm MIN
V	19mm NOM
Z	10mm NOM

### Packaging Specifications

Sleeving	Yes
Packaging	Bulk, Box

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