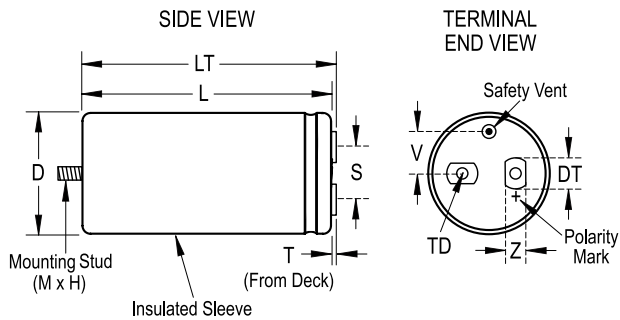


## ALS31A223MF100

ALS31, Aluminum, Aluminum Electrolytic, 22,000 uF, 20%, 100 VDC, -40/+85°C, 28.5 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	505 g
Notes	Dimensions D And L Include Slewing. MS (MxH) = M12x16.
Shelf Life	156 Weeks

### Specifications

Capacitance	22,000 uF
Tolerance	20%
Voltage DC	100 VDC, 115 VDC (Surge)
Temperature Range	-40/+85°C
Rated Temperature	85°C
Life	19000 Hrs (Rated Voltage And Ripple Current At 85°C), 38000 Hrs (Rated Voltage At 85°C)
ESR	13 mOhms (100Hz 20°C), 12 mOhms (10kHz 20°C)
Ripple Current	18.4 Amps (100Hz 85°C), 19.1 Amps (10kHz 85°C)
Leakage Current	6000 uA (5min 20°C)

### Dimensions

D	66mm +/-1mm
L	105mm +/-2mm
T	5.5mm +/-0.5mm
S	28.5mm +/-0.5mm
DT	13mm +/-0.5mm
LT	110.5mm +/-1mm
TD	10mm MIN
V	15.8mm NOM
Z	10mm NOM

### Packaging Specifications

Slewing	Yes
Packaging	Bulk, Box

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