

ALS31, Aluminum Electrolytic, 470 uF, 20%, 415 VDC, -40/+85°C



General Information	
Series:	ALS31
Dielectric:	Aluminum Electrolytic
Description:	Screw Terminal, Aluminum Electrolytic
RoHS:	Yes
AEC-Q200:	No
Component Weight:	115 g
Notes:	Dimensions D And L Include Sleevling. 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

Specifications	
Capacitance:	470 uF
Capacitance Tolerance:	20%
Voltage DC:	415 VDC, 456.5 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)
Resistance:	261 mOhms (100Hz 20C), 173 mOhms (10kHz 20C)
Ripple Current:	3.5 Amps (100Hz 85C), 7.2 Amps (10kHz 85C)
Leakage Current:	1170 uA (5min 20°C)

Packaging Specifications	
Sleevling:	Yes
Packaging:	Bulk, Box

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