

General Information

Series

RoHS

Lead

Shelf Life

Dielectric

Description



ALS31, Aluminum, Aluminum Electrolytic, 4,700 uF, 20%, 200 VDC, -40/ $+85^{\circ}\text{C}, 28.5~\text{mm}$

ALS31

Yes

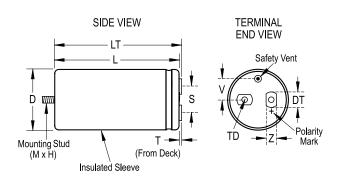
Electrolytic

156 Weeks

Aluminum Electrolytic

Screw Terminal, Aluminum

Oval Threaded Inserts M5



Mounting	Through-Hole
AEC-Q200	No
Typical Component Weight	505 g
Notes	Dimensions D And L Include Sleeving. MS (MxH) = M12x16.

Click here for the 3D model.

Dimensions	
D	66mm +/-1mm
L	105mm +/-2mm
Т	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	
Sleeving	Yes
Packaging	Bulk, Box

Specifications	
Capacitance	4,700 uF
Tolerance	20%
Voltage DC	200 VDC, 230 VDC (Surge)
Temperature Range	-40/+85°C
Rated Temperature	85°C
Life	19000 Hrs (Rated Voltage And Ripple Current At 85C), 38000 Hrs (Rated Voltage At 85C)
ESR	33 mOhms (100Hz 20C), 27 mOhms (10kHz 20C)
Ripple Current	13 Amps (100Hz 85C), 19.1 Amps (10kHz 85C)
Leakage Current	5640 uA (5min 20°C)

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

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