

# ALS81H332LM450

ALS81, Aluminum, Aluminum Electrolytic, 3,300 uF, 20%, 450 VDC, -40/+105°C, 28.5 mm



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

## General Information

Series	ALS81
Dielectric	Aluminum Electrolytic
Description	Screw Terminal, Aluminum Electrolytic
RoHS	Yes
Lead	Threaded Inserts - 10-32 UNF class 2B
Mounting	Through-Hole
Optional Mounting	Stud
Halogen Free	Yes
Typical Component Weight	600 g
Notes	Dimensions D And L Include Sleeving. MS (MxH) = M12x16. Mounting Clamp (Sold Separately): V8
Shelf Life	156 Weeks

## Dimensions

D	63.5mm +/-1mm
L	131mm +/-2mm
T	7.1mm +/-0.5mm
S	28.5mm +/-0.5mm
DT	8mm +/-0.5mm
LT	Available On Request
TD	10mm MIN
V	15.8mm NOM

## Packaging Specifications

Sleeving	Yes
Packaging	Tray

## Specifications

Capacitance	3,300 uF
Tolerance	20%
Voltage DC	450 VDC, 495 VDC (Surge)
Temperature Range	-40/+105°C
Rated Temperature	105°C
Life	8000 Hrs (Rated Voltage And Ripple Current At 105C), 13000 Hrs (Rated Voltage at 105C)
ESR	49 mOhms (100Hz 20C), 31 mOhms (10kHz 20C)
Ripple Current	11.3 Amps (100Hz 105C), 20.2 Amps (10 kHz 105C)
Leakage Current	4455 uA

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.