

# ALS81H163DB040

ALS81, Aluminum, Aluminum Electrolytic, 16,000 uF, 20%, 40 VDC, -40/+105°C, 12.8 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	90 g
Notes	Dimensions D And L Include Slewing. MS (MxH) = M8x12. Mounting Clamp (Sold Separately): V3/H2/2736
Shelf Life	156 Weeks

## Dimensions

D	36mm +/-1mm
L	62mm +/-2mm
T	7.1mm +/-0.5mm
S	12.8mm +/-0.5mm
DT	8mm +/-0.5mm
LT	Available On Request
TD	10mm MIN
V	8mm NOM

## Packaging Specifications

Slewing	Yes
Packaging	Tray

## Specifications

Capacitance	16,000 uF
Tolerance	20%
Voltage DC	40 VDC, 46 VDC (Surge)
Temperature Range	-40/+105°C
Rated Temperature	105°C
Life	6000 Hrs (Rated Voltage And Ripple Current At 105C), 10000 Hrs (Rated Voltage at 105C)
ESR	40 mOhms (100Hz 20C), 34 mOhms (10kHz 20C)
Ripple Current	9 Amps (100Hz 105C), 11.7 Amps (10 kHz 105C)
Leakage Current	1920 uA

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