

# ALS81A431DA400

ALS81, Aluminum, Aluminum Electrolytic, 430 uF, 20%, 400 VDC, -40/+105°C, 12.8 mm



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General Information	
Series	ALS81
Dielectric	Aluminum Electrolytic
Description	Screw Terminal, Aluminum Electrolytic
RoHS	Yes
Lead	Screw Terminals M5
Mounting	Through-Hole
Optional Mounting	Stud
Halogen Free	Yes
Typical Component Weight	75 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	52mm +/-2mm
T	7.1mm +/-0.5mm
S	12.8mm +/-0.5mm
DT	8mm +/-0.5mm
LT	58.5mm +/-1mm
TD	10mm MIN
V	8mm NOM

  

Packaging Specifications	
Slewing	Yes
Packaging	Tray

Specifications	
Capacitance	430 uF
Tolerance	20%
Voltage DC	400 VDC, 440 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	308 mOhms (100Hz 20C), 173 mOhms (10kHz 20C)
Ripple Current	2.6 Amps (100Hz 105C), 6.4 Amps (10 kHz 105C)
Leakage Current	516 uA

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