

ALS41A103DB040

ALS41, Aluminum, Aluminum Electrolytic, 10,000 uF, 20%, 40 VDC, -40/+105°C, 12.8 mm



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General Information

Series	ALS41
Dielectric	Aluminum Electrolytic
Description	Screw Terminal, Aluminum Electrolytic
RoHS	Yes
Lead	Screw Terminals M5
Mounting	Through-Hole
Optional Mounting	Stud
AEC-Q200	No
Halogen Free	No
Typical Component Weight	90 g
Notes	Dimensions D And L Include Slewing. MS (MxH) = M8x12.
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	67.5mm +/-1mm
TD	10mm MIN
V	8mm NOM

Packaging Specifications

Slewing	Yes
Packaging	Bulk, Box

Specifications

Capacitance	10,000 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	19 mOhms (100Hz 20C), 16 mOhms (10kHz 20C)
Ripple Current	8.1 Amps (100Hz 105C), 8.7 Amps (10kHz 105C)
Leakage Current	1200 uA (5min 20°C)

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