

ALS80A394QW040

ALS80, Aluminum, Aluminum Electrolytic, 390,000 uF, 20%, 40 VDC, -40/+105°C, 31.8 mm



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General Information

Series	ALS80
Dielectric	Aluminum Electrolytic
Description	Screw Terminal, Aluminum Electrolytic
RoHS	Yes
Lead	Oval Threaded Inserts M5
Mounting	Through-Hole
Halogen Free	Yes
Typical Component Weight	1,500 g
Notes	Dimensions D And L Include Slewing. MS (MxH) = M12x16. Mounting Clamp (Sold Separately): V90N
Shelf Life	156 Weeks

Specifications

Capacitance	390,000 uF
Tolerance	20%
Voltage DC	40 VDC, 46 VDC (Surge)
Temperature Range	-40/+105°C
Rated Temperature	105°C
Life	9000 Hrs (Rated Voltage And Ripple Current At 105C), 15000 Hrs (Rated Voltage At 105C)
ESR	5 mOhms (100Hz 20C), 7 mOhms (10kHz 20C)
Ripple Current	34.3 Amps (100Hz 105C), 35.4 Amps (10 kHz 105C)
Leakage Current	16000 uA

Dimensions	
D	90mm +/-1mm
L	169mm +/-2mm
T	5.5mm +/-0.5mm
S	31.8mm +/-0.5mm
DT	13mm +/-0.5mm
LT	174mm +/-1mm
TD	10mm MIN
V	25mm NOM
Z	10mm NOM
Packaging Specifications	
Slewing	Yes
Packaging	Tray

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