

**KEMET Part Number: ALS80A394NT040**  
(A381TW394M040A)



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



Dimensions	
D	77mm +/-1mm
L	220mm +/-2mm
T	5.5mm +/-0.5mm
S	31.8mm +/-0.5mm
DT	13mm +/-0.5mm
LT	224.5mm +/-1mm
TD	10mm MIN
V	19mm NOM
Z	10mm NOM

Packaging Specifications	
Sleeving:	Yes
Packaging:	Tray

General Information	
Series:	ALS80
Dielectric:	Aluminum Electrolytic
Description:	Screw Terminal, Aluminum Electrolytic
RoHS:	Yes
AEC-Q200:	No
Halogen Free:	Yes
Component Weight:	1.45 kg
Notes:	Dimensions D And L Include Sleeving. MS (MxH) = M12x16. Mounting Clamp (Sold Separately): V11
Shelf Life:	156 Weeks

Specifications	
Capacitance:	390,000 uF
Capacitance 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)
Resistance:	6 mOhms (100Hz 20C), 8 mOhms (10kHz 20C)
Ripple Current:	29.2 Amps (100Hz 105C), 29.9 Amps (10 kHz 105C)
Leakage Current:	16000 uA

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