

ALS40A102ND450

Aliases (A341TF102M450A)

ALS40, Aluminum Electrolytic, 1,000 uF, 20%, 450 VDC, -40/+105°C



Click [here](#) for the 3D model.

Dimensions

D	77mm +/-1mm
L	75mm +/-2mm
T	5.5mm +/-0.5mm
S	31.8mm +/-0.5mm
DT	13mm +/-0.5mm
LT	79.5mm +/-1mm
TD	10mm MIN
V	19mm NOM
Z	10mm NOM

Packaging Specifications

Sleeving	Yes
Packaging	Bulk, Box

General Information

Series	ALS40
Dielectric	Aluminum Electrolytic
Description	Screw Terminal, Aluminum Electrolytic
RoHS	Yes
AEC-Q200	No
Halogen Free	No
Component Weight	495 g
Notes	Dimensions D And L Include Sleeving. MS (MxH) = M12x16. Mounting Clamp (Sold Separately): V11
Shelf Life	156 Weeks

Specifications

Capacitance	1,000 uF
Capacitance Tolerance	20%
Voltage DC	450 VDC, 495 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	125 mOhms (100Hz 20C), 69 mOhms (10kHz 20C)
Ripple Current	7 Amps (100Hz 105C), 13.2 Amps (10kHz 105C)
Leakage Current	1350 uA (5min 20°C)