



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

#### Dimensions

D	77mm +/-1mm
L	169mm +/-2mm
T	5.5mm +/-0.5mm
S	31.8mm +/-0.5mm
DT	13mm +/-0.5mm
LT	Available On Request
TD	10mm MIN
V	19mm NOM

#### Packaging Specifications

Sleeving	true
Packaging	Tray

#### General Information

Series	ALS81
Dielectric	Aluminum Electrolytic
Style	Screw Terminal
Description	Screw Terminal, Aluminum Electrolytic
RoHS	Yes
Lead	Screw Terminals M6
Mounting	Through-Hole
Optional Mounting	Stud
AEC-Q200	No
Halogen Free	true
Typical Component Weight	1160 g
Notes	Dimensions D And L Include Sleeving. MS (MxH) = M12x16. Mounting Clamp (Sold Separately): V11
Shelf Life	156 Weeks

#### Specifications

Capacitance	7500 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)
ESR	26 mOhms (100Hz 20C), 18 mOhms (10kHz 20C)
Ripple Current	16.7 Amps (100Hz 105C), 24.2 Amps (10 kHz 105C)
Leakage Current	6000 uA