

ALS80A681DE450

ALS80, Aluminum, Aluminum Electrolytic, 680 uF, 20%, 450 VDC, -40/+105°C, 12.8 mm



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General Information

Series	ALS80
Dielectric	Aluminum Electrolytic
Description	Screw Terminal, Aluminum Electrolytic
RoHS	Yes
Lead	Screw Terminals M5
Mounting	Through-Hole
Halogen Free	Yes
Typical Component Weight	115 g
Notes	Dimensions D And L Include Sleeving. MS (MxH) = M8x12. Mounting Clamp (Sold Separately): V3/H2/2736
Shelf Life	156 Weeks

Dimensions

D	36mm +/-1mm
L	82mm +/-2mm
T	7.1mm +/-0.5mm
S	12.8mm +/-0.5mm
DT	8mm +/-0.5mm
LT	87.5mm +/-1mm
TD	10mm MIN
V	8mm NOM

Packaging Specifications

Sleeving	Yes
Packaging	Tray

Specifications

Capacitance	680 uF
Tolerance	20%
Voltage DC	450 VDC, 495 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	228 mOhms (100Hz 20C), 140 mOhms (10kHz 20C)
Ripple Current	3.5 Amps (100Hz 105C), 8.7 Amps (10 kHz 105C)
Leakage Current	918 uA

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