

ALS81C514QT040

ALS81, Aluminum, Aluminum Electrolytic, 510,000 uF, 20%, 40 VDC, -40/+105°C, 31.8 mm



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General Information

Series	ALS81
Dielectric	Aluminum Electrolytic
Description	Screw Terminal, Aluminum Electrolytic
RoHS	Yes
Lead	Screw Terminals M6
Mounting	Through-Hole
Optional Mounting	Stud
Halogen Free	Yes
Typical Component Weight	2,000 g
Notes	Dimensions D And L Include Slewing. MS (MxH) = M12x16. Mounting Clamp (Sold Separately): V90N
Shelf Life	156 Weeks

Dimensions

D	90mm +/-1mm
L	220mm +/-2mm
T	5.5mm +/-0.5mm
S	31.8mm +/-0.5mm
DT	13mm +/-0.5mm
LT	Available On Request
TD	10mm MIN
V	25mm NOM

Packaging Specifications

Slewing	Yes
Packaging	Tray

Specifications

Capacitance	510,000 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	36.1 Amps (100Hz 105C), 37 Amps (10 kHz 105C)
Leakage Current	16000 uA

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