

ALC40A271DF500

ALC40, Aluminum, Aluminum Electrolytic, 270 uF, 20%, 500 VDC, -40/+105°C, 10 mm



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General Information

Series	ALC40
Dielectric	Aluminum Electrolytic
Description	Snap-In, Aluminum Electrolytic
RoHS	Yes
Lead	2 Pin
Typical Component Weight	70 g
Shelf Life	156 Weeks

Dimensions

D	35mm +1mm
L	50mm +/-2mm
S	10mm +/-0.1mm
LL	6.3mm +/-1mm
F	2mm +/-0.1mm

Packaging Specifications

Packaging	Tray
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Specifications

Capacitance	270 uF
Tolerance	20%
Voltage DC	500 VDC, 550 VDC (Surge)
Temperature Range	-40/+105°C
Rated Temperature	105°C
Life	8000 Hrs (Rated Voltage And Ripple Current At 105C), 13000 Hrs (Rated Voltage at 105C)
ESR	840 mOhms (100Hz 20C), 680 mOhms (10kHz 20C)
Ripple Current	2.2 Amps (100Hz 105C), 4.06 Amps (10kHz 105C)
Leakage Current	405 uA (5min 20°C)

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