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General Information

Series	ALC40
Dielectric	Aluminum Electrolytic
Description	Snap-In, Aluminum Electrolytic
RoHS	Yes
Lead	4 Pin Short
AEC-Q200	No
Typical Component Weight	117 g
Shelf Life	156 Weeks

Dimensions

D	40mm +1mm
L	80mm +/-2mm
S	22.5mm +/-0.1mm
LL	4mm +/-1mm
F	2mm +/-0.1mm

Packaging Specifications

Packaging	Tray
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Specifications

Capacitance	47,000 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), 14000 Hrs (Rated Voltage At 105C)
ESR	23 mOhms (100Hz 20C), 21 mOhms (10kHz 20C)
Ripple Current	10.42 Amps (100Hz 105C), 10.59 Amps (10kHz 105C)
Leakage Current	5640 uA (5min 20°C)

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