

ALC80F271CD400

ALC80, Aluminum, Aluminum Electrolytic, 270 uF, 20%, 400 VDC, -40/+105°C, 10 mm



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General Information

Series	ALC80
Dielectric	Aluminum Electrolytic
Description	Snap-In, Aluminum Electrolytic
RoHS	Yes
Lead	3 Pin Short
AEC-Q200	No
Halogen Free	Yes
Typical Component Weight	50 g
Notes	Dimensions D And L Include Slewing.
Shelf Life	156 Weeks

Specifications

Capacitance	270 uF
Tolerance	20%
Voltage DC	400 VDC, 440 VDC (Surge)
Temperature Range	-40/+105°C
Rated Temperature	105°C
Life	7000 Hrs (Rated Voltage And Ripple Current At 105C), 11000 Hrs (Rated Voltage at 105C)
ESR	448.4 mOhms (100Hz 20C), 228.9 mOhms (10kHz 20C)
Ripple Current	1.738 Amps (100Hz 105C), 5.141 Amps (10kHz 105C)
Leakage Current	324 uA (5min 20°C)

Dimensions

D	30mm +1mm
L	40mm +/-2mm
S	10mm +/-0.1mm
LL	4mm +/-1mm
F	2mm +/-0.1mm

Packaging Specifications

Slewing	Yes
Packaging	Bulk, Bag

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