

ALH82A271DG550

ALH82, Aluminum, Aluminum Electrolytic, 270 uF, 20%, 550 VDC, -40/+105°C, 10 mm



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General Information

Series	ALH82
Dielectric	Aluminum Electrolytic
Description	Snap-In, Aluminum Electrolytic
RoHS	Yes
Halogen Free	Yes
Typical Component Weight	51 g
Shelf Life	156 Weeks

Dimensions

D	35mm +/-1mm
L	55mm +/-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	550 VDC
Temperature Range	-40/+105°C
Rated Temperature	105°C
Life	3000 Hrs (Rated Voltage And Ripple Current At 105C)
ESR	486 mOhms (100Hz 20C), 334 mOhms (10kHz 20C)
Ripple Current	2.45 Amps (100Hz 105C), 6.32 Amps (10Hz 105C)
Leakage Current	445 uA (5min 20°C)

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