

ALH82A271DG550

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



Click [here](#) for the 3D model.

General Information

| | |
|--------------------------|--------------------------------|
| Series | ALH82 |
| Dielectric | Aluminum Electrolytic |
| Description | Snap-In, Aluminum Electrolytic |
| RoHS | Yes |
| AEC-Q200 | No |
| 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

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|-----------|------|
| Packaging | Tray |
|-----------|------|

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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