

ALC70A471DF450

ALC70, Aluminum, Aluminum Electrolytic, 470 uF, 20%, 450 VDC, -40/+85°C, 10 mm



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

General Information

| | |
|--------------------------|-------------------------------------|
| Series | ALC70 |
| Dielectric | Aluminum Electrolytic |
| Description | Snap-In, Aluminum Electrolytic |
| RoHS | Yes |
| Lead | 2 Pin |
| AEC-Q200 | No |
| Halogen Free | Yes |
| Typical Component Weight | 80 g |
| Notes | Dimensions D And L Include Slewing. |
| Shelf Life | 156 Weeks |

Specifications

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|-------------------|---|
| Capacitance | 470 uF |
| Tolerance | 20% |
| Voltage DC | 450 VDC, 495 VDC (Surge) |
| Temperature Range | -40/+85°C |
| Rated Temperature | 85°C |
| Life | 15000 Hrs (Rated Voltage And Ripple Current At 85°C), 24000 Hrs (Rated Voltage At 85°C) |
| ESR | 299 mOhms (100Hz 20°C), 167 mOhms (10kHz 20°C) |
| Ripple Current | 2.54 Amps (100Hz 85°C), 6.07 Amps (10kHz 85°C) |
| Leakage Current | 1269 uA (5min 20°C) |

Dimensions

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

Packaging Specifications

| | |
|-----------|------|
| Slewing | Yes |
| Packaging | Tray |

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