

ALF80C241DC450

ALF80, Aluminum, Aluminum Electrolytic, 240 uF, 20%, 450 VDC, -40/+105°C, 22.5 mm



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

General Information

| | |
|--------------------------|-------------------------------------|
| Series | ALF80 |
| Dielectric | Aluminum Electrolytic |
| Style | Press-Fit |
| Description | Aluminum Electrolytic |
| RoHS | Yes |
| Lead | 4 Pin Press-Fit |
| AEC-Q200 | No |
| Typical Component Weight | 60 g |
| Notes | Dimensions D And L Include Slewing. |
| Shelf Life | 156 Weeks |

Dimensions

| | |
|----|--------------------|
| D | 35mm +1mm |
| L | 35mm +/-2mm |
| S | 22.5mm +/-0.1mm |
| LL | 5.5mm +/-1mm |
| F | 1.486mm +/-0.076mm |

Packaging Specifications

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|-----------|------|
| Slewing | Yes |
| Packaging | Bulk |

Specifications

| | |
|-------------------|--|
| Capacitance | 240 uF |
| Tolerance | 20% |
| Voltage DC | 450 VDC, 495 VDC (Surge) |
| Temperature Range | -40/+105°C |
| Rated Temperature | 105°C |
| Life | 8000 Hrs (Rated Voltage And Ripple Current At 105C), 13000 Hrs (Rated Voltage At 105C) |
| ESR | 541.2 mOhms (100Hz 20C), 311.5 mOhms (10kHz 20C) |
| Ripple Current | 1.81 Amps (100Hz 105C), 5.092 Amps (10kHz 105C) |
| Leakage Current | 324 uA (5min 20°C) |

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