

ALF70C471DF450

Aliases (A556EH471M450C)

ALF70, Aluminum Electrolytic, 470 uF, 20%, 450 VDC, -40/+85°C



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

Dimensions

| | |
|----|--------------------|
| D | 35mm +1mm |
| L | 50mm +/-2mm |
| S | 22.5mm +/-0.1mm |
| LL | 5.5mm +/-1mm |
| F | 1.486mm +/-0.076mm |

Packaging Specifications

| | |
|-----------|------|
| Sleeving | Yes |
| Packaging | Bulk |

General Information

| | |
|------------------|--------------------------------------|
| Series | ALF70 |
| Dielectric | Aluminum Electrolytic |
| Style | Press-Fit |
| Description | Press-Fit, Aluminum Electrolytic |
| RoHS | Yes |
| Lead | 4 Pin Press-Fit |
| AEC-Q200 | No |
| Halogen Free | Yes |
| Component Weight | 80 g |
| Notes | Dimensions D And L Include Sleeving. |
| Shelf Life | 156 Weeks |

Specifications

| | |
|-----------------------|---|
| Capacitance | 470 uF |
| Capacitance 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 85C), 24000 Hrs (Rated Voltage at 85C) |
| Resistance | 299 mOhms (100Hz 20C), 167 mOhms (10kHz 20C) |
| Ripple Current | 2.54 Amps (100Hz 85C), 6.07 Amps (10kHz 85C) |
| Leakage Current | 1269 uA (5min 20°C) |