

ALF40C122EP400

Aliases (A534HW122M400C)

ALF40, Aluminum Electrolytic, 1,200 uF, 20%, 400 VDC, -40/+105°C



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

Dimensions

| | |
|----|--------------------|
| D | 40mm +1mm |
| L | 105mm +/-2mm |
| S | 22.5mm +/-0.1mm |
| LL | 5.5mm +/-1mm |
| F | 1.486mm +/-0.076mm |

Packaging Specifications

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|--------------------|------|
| Packaging | Bulk |
| Packaging Quantity | 36 |

General Information

| | |
|------------------|----------------------------------|
| Series | ALF40 |
| Dielectric | Aluminum Electrolytic |
| Style | Press-Fit |
| Description | Press-Fit, Aluminum Electrolytic |
| RoHS | Yes |
| Lead | 4 Pin Press-Fit |
| AEC-Q200 | No |
| Component Weight | 170 g |
| Notes | Dimensions Include Slewing. |
| Shelf Life | 156 Weeks |

Specifications

| | |
|-----------------------|--|
| Capacitance | 1,200 uF |
| Capacitance Tolerance | 20% |
| Voltage DC | 400 VDC, 440 VDC (Surge) |
| Temperature Range | -40/+105°C |
| Rated Temperature | 105°C |
| Life | 9000 Hrs (Rated Voltage and Ripple Current at 105C), 14000 Hrs (Rated Voltage at 105C) |
| Resistance | 103 mOhms (100Hz 20C), 70 mOhms (10kHz 20C) |
| Ripple Current | 5.76 Amps (100Hz 105C), 11.46 Amps (10kHz 105C) |
| Leakage Current | 1440 uA (5min 20°C) |