

ALC10G152KP550

ALC10, Aluminum, Aluminum Electrolytic, 1,500 uF, 20%, 550 VDC, -40/+85°C, 25 mm



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

General Information

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|--------------------------|-------------------------------------|
| Series | ALC10 |
| Dielectric | Aluminum Electrolytic |
| Description | Snap-In, Aluminum Electrolytic |
| RoHS | Yes |
| Lead | 5 Pin |
| AEC-Q200 | No |
| Typical Component Weight | 264 g |
| Notes | Dimensions D And L Include Slewing. |
| Shelf Life | 156 Weeks |

Dimensions

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|----|---------------|
| D | 50mm +1mm |
| L | 105mm +/-2mm |
| S | 25mm +/-0.1mm |
| LL | 6.3mm +/-1mm |
| F | 2mm +/-0.1mm |

Packaging Specifications

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

Specifications

| | |
|-------------------|---|
| Capacitance | 1,500 uF |
| Tolerance | 20% |
| Voltage DC | 550 VDC, 605 VDC (Surge) |
| Temperature Range | -40/+85°C |
| Rated Temperature | 85°C |
| Life | 18000 Hrs (Rated Voltage And Ripple Current At 85C), 29000 Hrs (Rated Voltage At 85C) |
| ESR | 242 mOhms (100Hz 20C), 212 mOhms (10kHz 20C) |
| Ripple Current | 6.5 Amps (100Hz 85C), 9.63 Amps (10kHz 85C) |
| Leakage Current | 4950 uA (5min 20°C) |

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