

## ALC80G152FP450

ALC80, Aluminum, Aluminum Electrolytic, 1,500 uF, 20%, 450 VDC, -40/+105°C, 25 mm



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### General Information

|                          |                                     |
|--------------------------|-------------------------------------|
| Series                   | ALC80                               |
| Dielectric               | Aluminum Electrolytic               |
| Description              | Snap-In, Aluminum Electrolytic      |
| RoHS                     | Yes                                 |
| Lead                     | 5 Pin                               |
| Halogen Free             | Yes                                 |
| Typical Component Weight | 225 g                               |
| Notes                    | Dimensions D And L Include Slewing. |
| Shelf Life               | 156 Weeks                           |

### Dimensions

|    |               |
|----|---------------|
| D  | 45mm +1mm     |
| L  | 105mm +/-2mm  |
| S  | 25mm +/-0.1mm |
| LL | 6.3mm +/-1mm  |
| F  | 2mm +/-0.1mm  |

### Packaging Specifications

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

### Specifications

|                   |                                                                                        |
|-------------------|----------------------------------------------------------------------------------------|
| Capacitance       | 1,500 uF                                                                               |
| Tolerance         | 20%                                                                                    |
| Voltage DC        | 450 VDC, 495 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) |
| ESR               | 108.8 mOhms (100Hz 20C), 70.15 mOhms (10kHz 20C)                                       |
| Ripple Current    | 6.248 Amps (100Hz 105C), 14.04 Amps (10kHz 105C)                                       |
| Leakage Current   | 2025 uA (5min 20°C)                                                                    |

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