

## ALC80E301DC400

ALC80, Aluminum, Aluminum Electrolytic, 300 uF, 20%, 400 VDC, -40/+105°C, 22.5 mm



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### General Information

|                          |                                     |
|--------------------------|-------------------------------------|
| Series                   | ALC80                               |
| Dielectric               | Aluminum Electrolytic               |
| Description              | Snap-In, Aluminum Electrolytic      |
| RoHS                     | Yes                                 |
| Lead                     | 4 Pin Short                         |
| Halogen Free             | Yes                                 |
| 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 | 4mm +/-1mm      |
| F  | 2mm +/-0.1mm    |

### Packaging Specifications

|           |           |
|-----------|-----------|
| Slewing   | Yes       |
| Packaging | Bulk, Bag |

### Specifications

|                   |  |
|-------------------|--|
| Capacitance       | 300 uF   |
| Tolerance         | 20%  |
| Voltage DC        | 400 VDC, 440 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               | 408.4 mOhms (100Hz 20C), 210.2 mOhms (10kHz 20C)                                       |
| Ripple Current    | 1.931 Amps (100Hz 105C), 5.339 Amps (10kHz 105C)                                       |
| Leakage Current   | 360 uA (5min 20°C)   |

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