

## ALC70C272FP400

ALC70, Aluminum, Aluminum Electrolytic, 2,700 uF, 20%, 400 VDC, -40/+85°C, 22.5 mm



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### General Information

|                          |                                     |
|--------------------------|-------------------------------------|
| Series                   | ALC70                               |
| Dielectric               | Aluminum Electrolytic               |
| Description              | Snap-In, Aluminum Electrolytic      |
| RoHS                     | Yes                                 |
| Lead                     | 4 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  | 22.5mm +/-0.1mm |
| LL | 6.3mm +/-1mm    |
| F  | 2mm +/-0.1mm    |

### Packaging Specifications

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

### Specifications

|                   |   |
|-------------------|---|
| Capacitance       | 2,700 uF  |
| Tolerance         | 20%   |
| Voltage DC        | 400 VDC, 440 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               | 54.78 mOhms (100Hz 20C), 30.08 mOhms (10kHz 20C)                                      |
| Ripple Current    | 7.487 Amps (100Hz 85C), 15.09 Amps (10kHz 85C)  |
| Leakage Current   | 6000 uA (5min 20°C)   |

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