

## ALC70C103EH100

ALC70, Aluminum, Aluminum Electrolytic, 10,000 uF, 20%, 100 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                               |
| AEC-Q200                 | No                                  |
| Halogen Free             | Yes                                 |
| Typical Component Weight | 125 g                               |
| Notes                    | Dimensions D And L Include Slewing. |
| Shelf Life               | 156 Weeks                           |

| Dimensions |                 |
|------------|-----------------|
| D          | 40mm +1mm       |
| L          | 60mm +/-2mm     |
| S          | 22.5mm +/-0.1mm |
| LL         | 6.3mm +/-1mm    |
| F          | 2mm +/-0.1mm    |

  

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

| Specifications    |                                                                                       |
|-------------------|---------------------------------------------------------------------------------------|
| Capacitance       | 10,000 uF                                                                             |
| Tolerance         | 20%                                                                                   |
| Voltage DC        | 100 VDC, 115 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               | 34.31 mOhms (100Hz 20C), 28.67 mOhms (10kHz 20C)                                      |
| Ripple Current    | 8.704 Amps (100Hz 85C), 10.35 Amps (10kHz 85C)                                        |
| Leakage Current   | 6000 uA (5min 20°C)                                                                   |

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