

## ALC80D103BB025

ALC80, Aluminum, Aluminum Electrolytic, 10,000 uF, 20%, 25 VDC, -40/+105°C, 10 mm



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

| Dimensions |               |
|------------|---------------|
| D          | 25mm +1mm     |
| L          | 30mm +/-2mm   |
| S          | 10mm +/-0.1mm |
| LL         | 4mm +/-1mm    |
| F          | 2mm +/-0.1mm  |

  

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

| General Information      |                                      |
|--------------------------|--------------------------------------|
| Series                   | ALC80                                |
| Dielectric               | Aluminum Electrolytic                |
| Description              | Snap-In, Aluminum Electrolytic       |
| RoHS                     | Yes                                  |
| Lead                     | 2 Pin Short                          |
| Halogen Free             | Yes                                  |
| Typical Component Weight | 28 g                                 |
| Notes                    | Dimensions D And L Include Sleeving. |
| Shelf Life               | 156 Weeks                            |

| Specifications    |                                                                                        |
|-------------------|----------------------------------------------------------------------------------------|
| Capacitance       | 10,000 uF                                                                              |
| Tolerance         | 20%                                                                                    |
| Voltage DC        | 25 VDC, 28.75 VDC (Surge)                                                              |
| Temperature Range | -40/+105°C                                                                             |
| Rated Temperature | 105°C                                                                                  |
| Life              | 6000 Hrs (Rated Voltage And Ripple Current At 105C), 10000 Hrs (Rated Voltage at 105C) |
| ESR               | 119.9 mOhms (100Hz 20C), 335.2 mOhms (10kHz 20C)                                       |
| Ripple Current    | 3.659 Amps (100Hz 105C), 4.536 Amps (10kHz 105C)                                       |
| Leakage Current   | 750 uA (5min 20°C)                                                                     |

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