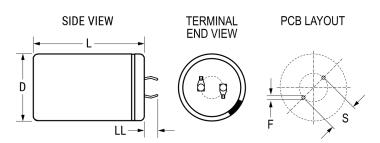


a YAGEO company

ALC40A102BC100

ALC40, Aluminum Electrolytic, 1,000 uF, 20%, 100 VDC, -40/+105°C



| General Information | |
|---------------------|--------------------------------|
| Series | ALC40 |
| Dielectric | Aluminum Electrolytic |
| Description | Snap-In, Aluminum Electrolytic |
| RoHS | Yes |
| Lead | 2 Pin |
| AEC-Q200 | No |
| Component Weight | 29.3 g |
| Shelf Life | 156 Weeks |

Click here for the 3D model.

| Dimensions | |
|------------|---------------|
| D | 25mm +1mm |
| L | 35mm +/-2mm |
| S | 10mm +/-0.1mm |
| LL | 6.3mm +/-1mm |
| F | 2mm +/-0.1mm |

| Packaging Specifications | | |
|--------------------------|-----------|--|
| Packaging | Bulk, Bag | |

| Specifications | |
|--------------------------|---|
| Capacitance | 1,000 uF |
| Capacitance Tolerance | 20% |
| Voltage DC | 100 VDC, 115 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) |
| Resistance | 238 mOhms (100Hz 20C), 177 mOhms (10kHz 20C) |
| Ripple Current | 1.65 Amps (100Hz 105C), 2.16 Amps (10kHz 105C) |
| Leakage Current | 300 uA (5min 20°C) |

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