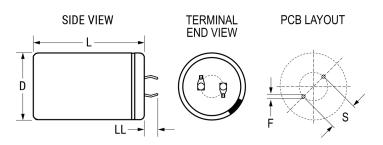


a YAGEO company

## ALC40D681EH400

ALC40, Aluminum Electrolytic, 680 uF, 20%, 400 VDC, -40/+105°C



| General Information |                                |
|---------------------|--------------------------------|
| Series              | ALC40                          |
| Dielectric          | Aluminum Electrolytic          |
| Description         | Snap-In, Aluminum Electrolytic |
| RoHS                | Yes                            |
| Lead                | 2 Pin Short                    |
| AEC-Q200            | No                             |
| Component Weight    | 98 g                           |
| Shelf Life          | 156 Weeks                      |

Click here for the 3D model.

| Dimensions |               |
|------------|---------------|
| D          | 40mm +1mm     |
| L          | 60mm +/-2mm   |
| S          | 10mm +/-0.1mm |
| LL         | 4mm +/-1mm    |
| F          | 2mm +/-0.1mm  |

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

| Specifications           |  |
|--------------------------|--|
| Capacitance              | 680 uF   |
| Capacitance<br>Tolerance | 20%  |
| Voltage DC               | 400 VDC, 440 VDC (Surge)   |
| Temperature<br>Range     | -40/+105°C   |
| Rated<br>Temperature     | 105°C  |
| Life                     | 9000 Hrs (Rated Voltage and Ripple Current at 105C), 14000 Hrs (Rated Voltage at 105C) |
| Resistance               | 173 mOhms (100Hz 20C), 107 mOhms (10kHz 20C)   |
| Ripple Current           | 4.08 Amps (100Hz 105C), 8.58 Amps (10kHz 105C)   |
| Leakage Current          | 816 uA (5min 20°C)   |

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