

## ALC80F181CB400

Aliases (A547DD181M400F)

ALC80, Aluminum Electrolytic, 180 uF, 20%, 400 VDC, -40/+105°C



| General Information |                                       |
|---------------------|---------------------------------------|
| Series              | ALC80                                 |
| Dielectric          | Aluminum Electrolytic                 |
| Description         | Snap-In, Aluminum Electrolytic        |
| RoHS                | Yes                                   |
| Lead                | 3 Pin Short                           |
| AEC-Q200            | No                                    |
| Halogen Free        | Yes                                   |
| Component Weight    | 40 g                                  |
| Notes               | Dimensions D And L Include Sleevings. |
| Shelf Life          | 156 Weeks                             |

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

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

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

| Specifications        |  |
|-----------------------|--|
| Capacitance           | 180 uF   |
| Capacitance Tolerance | 20%  |
| Voltage DC            | 400 VDC, 440 VDC (Surge)   |
| Temperature Range     | -40/+105°C   |
| Rated Temperature     | 105°C  |
| Life                  | 7000 Hrs (Rated Voltage And Ripple Current At 105C), 11000 Hrs (Rated Voltage At 105C) |
| Resistance            | 671.7 mOhms (100Hz 20C), 342.5 mOhms (10kHz 20C)                                       |
| Ripple Current        | 1.32 Amps (100Hz 105C), 3.935 Amps (10kHz 105C)  |
| Leakage Current       | 216 uA (5min 20°C)   |

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