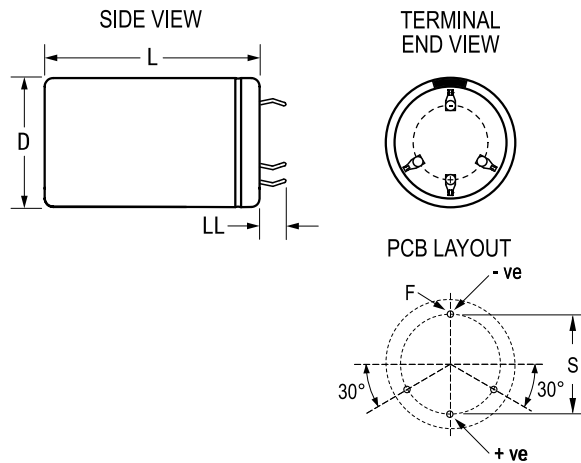


## ALC40C471DF350

ALC40, Aluminum, Aluminum Electrolytic, 470 uF, 20%, 350 VDC, -40/+105°C, 22.5 mm



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

### General Information

|                          |                                |
|--------------------------|--------------------------------|
| Series                   | ALC40                          |
| Dielectric               | Aluminum Electrolytic          |
| Description              | Snap-In, Aluminum Electrolytic |
| RoHS                     | Yes                            |
| Lead                     | 4 Pin                          |
| AEC-Q200                 | No                             |
| Typical Component Weight | 70 g                           |
| Shelf Life               | 156 Weeks                      |

### Dimensions

|    |                 |
|----|-----------------|
| D  | 35mm +1mm       |
| L  | 50mm +/-2mm     |
| S  | 22.5mm +/-0.1mm |
| LL | 6.3mm +/-1mm    |
| F  | 2mm +/-0.1mm    |

### Packaging Specifications

|           |      |
|-----------|------|
| Packaging | Tray |
|-----------|------|

### Specifications

|                   |                                                                                        |
|-------------------|----------------------------------------------------------------------------------------|
| Capacitance       | 470 uF                                                                                 |
| Tolerance         | 20%                                                                                    |
| Voltage DC        | 350 VDC, 385 VDC (Surge)                                                               |
| Temperature Range | -40/+105°C                                                                             |
| Rated Temperature | 105°C                                                                                  |
| Life              | 8000 Hrs (Rated Voltage And Ripple Current At 105C), 13000 Hrs (Rated Voltage at 105C) |
| ESR               | 251 mOhms (100Hz 20C), 170 mOhms (10kHz 20C)                                           |
| Ripple Current    | 2.72 Amps (100Hz 105C), 4.9 Amps (10kHz 105C)                                          |
| Leakage Current   | 493.5 uA (5min 20°C)                                                                   |

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