



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

### Dimensions

D	40mm +1mm
L	55mm +/-2mm
S	25mm +/-0.1mm
LL	6.3mm +/-1mm
F	2mm +/-0.1mm

### Packaging Specifications

Packaging	Bulk, Bag
-----------	-----------

### General Information

Series	ALC40
Dielectric	Aluminum Electrolytic
Description	Snap-In, Aluminum Electrolytic
RoHS	Yes
Lead	5 Pin
AEC-Q200	No
Component Weight	95 g
Shelf Life	156 Weeks

### Specifications

Capacitance	470 uF
Capacitance Tolerance	20%
Voltage DC	500 VDC, 550 VDC (Surge)
Temperature Range	-40/+105°C
Rated Temperature	105°C
Life	9000 Hrs (Rated Voltage and Ripple Current at 105C), 14000 Hrs (Rated Voltage at 105C)
Resistance	480 mOhms (100Hz 20C), 390 mOhms (10kHz 20C)
Ripple Current	3.3 Amps (100Hz 105C), 6.42 Amps (10kHz 105C)
Leakage Current	705 uA (5min 20°C)