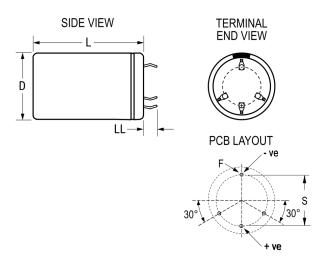


## ALC80C682EF100

Aliases (A547HH682M100C)

ALC80, Aluminum Electrolytic, 6,800 uF, 20%, 100 VDC, -40/+105°C



Click here for the 3D model.

Dimensions	
D	40mm +1mm
L	50mm +/-2mm
S	22.5mm +/-0.1mm
LL	6.3mm +/-1mm
F	2mm +/-0.1mm

Packaging Specifications	
Sleeving	Yes
Packaging	Bulk, Bag

General Information		
Series	ALC80	
Dielectric	Aluminum Electrolytic	
Description	Snap-In, Aluminum Electrolytic	
RoHS	Yes	
Lead	4 Pin	
AEC-Q200	No	
Halogen Free	Yes	
Component Weight	105 g	
Notes	Dimensions D And L Include Sleeving.	
Shelf Life	156 Weeks	

Specifications	
Capacitance	6,800 uF
Capacitance Tolerance	20%
Voltage DC	100 VDC, 115 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	51.7 mOhms (100Hz 20C), 43.93 mOhms (10kHz 20C)
Ripple Current	7.563 Amps (100Hz 105C), 9.248 Amps (10kHz 105C)
Leakage Current	2040 uA (5min 20°C)

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.