

KEMET Part Number: ALC80A103CD040
(A547DF103M040A)

ALC80, Aluminum Electrolytic, 10,000 uF, 20%, 40 VDC, -40/+105°C



Dimensions

D	30mm +1mm
L	40mm +/-2mm
S	10mm +/-0.1mm
LL	6.3mm +/-1mm
F	2mm +/-0.1mm

Packaging Specifications

Weight:	50 g
Packaging:	Bulk, Bag

General Information

Supplier:	KEMET
Series:	ALC80
Dielectric:	Aluminum Electrolytic
Description:	Snap-In, Aluminum Electrolytic
RoHS:	Yes
Lead:	2 Pin
AEC-Q200:	No
Shelf Life:	156 Weeks

Specifications

Capacitance:	10,000 uF
Capacitance Tolerance:	20%
Voltage DC:	40 VDC, 46 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:	51 mOhms (100Hz 20C), 41 mOhms (10kHz 20C)
Ripple Current:	6.51 Amps (100Hz 105C), 9.23 Amps (10kHz 105C)
Leakage Current:	1200 uA (5min 20°C)