

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	
Sleeving:	Yes
Packaging:	Bulk, Bag

General Information	
Series:	ALC80
Dielectric:	Aluminum Electrolytic
Description:	Snap-In, Aluminum Electrolytic
RoHS:	Yes
Lead:	2 Pin
AEC-Q200:	No
Halogen Free:	Yes
Component Weight:	50 g
Notes:	Dimensions D And L Include Sleeving.
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:	51.26 mOhms (100Hz 20C), 41.19 mOhms (10kHz 20C)
Ripple Current:	6.508 Amps (100Hz 105C), 9.229 Amps (10kHz 105C)
Leakage Current:	1200 uA (5min 20°C)

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