

KEMET Part Number: ALC80A182EH250
(A547HK182M250A)

ALC80, Aluminum Electrolytic, 1,800 uF, 20%, 250 VDC, -40/+105°C



Dimensions

Dimension	Value
D	40mm +1mm
L	60mm +/-2mm
S	10mm +/-0.1mm
LL	6.3mm +/-1mm
F	2mm +/-0.1mm

Packaging Specifications

Weight:	125 g
Packaging:	Bulk, Bag

General Information

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

Specifications

Capacitance:	1,800 uF
Capacitance Tolerance:	20%
Voltage DC:	250 VDC, 288 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:	105 mOhms (100Hz 20C), 64 mOhms (10kHz 20C)
Ripple Current:	5.02 Amps (100Hz 105C), 9.57 Amps (10kHz 105C)
Leakage Current:	1350 uA (5min 20°C)

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