

**KEMET Part Number: PEH506PAC3680M2S**  
(A511BD681M100D)

PEH506, Aluminum Electrolytic, 680 uF, 20%, 100 VDC, -40/+85°C



General Information	
Series:	PEH506
Dielectric:	Aluminum Electrolytic
Description:	Snap-In, Aluminum Electrolytic
RoHS:	Yes
Lead:	2 Pin Short
AEC-Q200:	No
Component Weight:	14 g
Notes:	Add 0.5mm To D And 1mm To L For Sleeving.
Shelf Life:	208 Weeks

Dimensions	
D	22mm +/-0.5mm
L	30mm +/-1mm
S	10mm +/-0.1mm
LL	4mm +/-1mm
F	2mm +/-0.1mm

Specifications	
Capacitance:	680 uF
Capacitance Tolerance:	20%
Voltage DC:	100 VDC
Temperature Range:	-40/+85°C
Rated Temperature:	85°C
Life:	3000 Hrs (Rated Voltage And Ripple Current At 85C), 6000 Hrs (Rated Voltage At 85C)
Resistance:	300 mOhms (100Hz 20C), 230 mOhms (100kHz 20C)
Ripple Current:	1.7 Amps (100Hz 85C), 4.3 Amps (20kHz 40C)
Leakage Current:	204 uA (5min 20°C)

Packaging Specifications	
Packaging:	Bulk, Bag

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