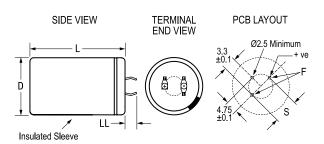
## **KEMET Part Number: PEH506SCE3680M3**



## PEH506, Aluminum Electrolytic, 680 uF, 20%, 250 VDC, -40/+85°C



Series: PEH506  Dielectric: Aluminum Electrolytic  Description: Snap-In, Aluminum Electrolytic  ROHS: Yes  Lead: 3 Pin Short  AEC-Q200: No  Component Weight: 39 q	General Information	
Description: Snap-In, Aluminum Electrolytic  RoHS: Yes  Lead: 3 Pin Short  AEC-Q200: No	Series:	PEH506
RoHS: Yes Lead: 3 Pin Short AEC-Q200: No	Dielectric:	Aluminum Electrolytic
Lead: 3 Pin Short AEC-Q200: No	Description:	Snap-In, Aluminum Electrolytic
AEC-Q200: No	RoHS:	Yes
1127 (2111)	Lead:	3 Pin Short
Component Weight: 39 g	AEC-Q200:	No
	Component Weight:	39 g
Notes: Add 0.5mm To D And 1mm To L For Sleeving.	Notes:	Add 0.5mm To D And 1mm To L For Sleeving.
Shelf Life: 208 Weeks	Shelf Life:	208 Weeks

Dimensions		
D	30mm +/-0.5mm	
L	40mm +/-1mm	
S	10mm +/-0.1mm	
LL	4mm +/-1mm	
F	2mm +/-0.1mm	

Packaging Specifications	
Packaging:	Bulk, Bag

Specifications	
Capacitance:	680 uF
Capacitance Tolerance:	20%
Voltage DC:	250 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:	180 mOhms (100Hz 20C), 98 mOhms (100kHz 20C)
Ripple Current:	2.3 Amps (100Hz 85C), 8.3 Amps (20kHz 40C)
Leakage Current:	510 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.



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