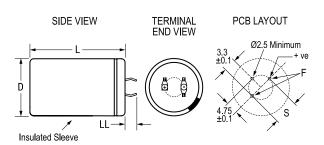
## **KEMET Part Number: PEH506RBG3820M3**



## PEH506, Aluminum Electrolytic, 820 uF, 20%, 200 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: 33 g  Notes: Add 0.5mm To D And 1mm To L	General Information	
Description: Snap-In, Aluminum Electrolytic  ROHS: Yes  Lead: 3 Pin Short  AEC-Q200: No  Component Weight: 33 g	Series:	PEH506
RoHS: Yes  Lead: 3 Pin Short  AEC-Q200: No  Component Weight: 33 g	Dielectric:	Aluminum Electrolytic
Lead: 3 Pin Short  AEC-Q200: No  Component Weight: 33 g	Description:	Snap-In, Aluminum Electrolytic
AEC-Q200: No Component Weight: 33 g	RoHS:	Yes
Component Weight: 33 g	Lead:	3 Pin Short
Add 0.5mm To D. And 1mm To I	AEC-Q200:	No
Notes: Add 0.5mm To D And 1mm To L	Component Weight:	33 g
For Sleeving.	Notes:	
Shelf Life: 208 Weeks	Shelf Life:	208 Weeks

Dimensions	
D	25mm +/-0.5mm
L	50mm +/-1mm
S	10mm +/-0.1mm
LL	4mm +/-1mm
F	2mm +/-0.1mm

Packaging Specifications	
Packaging:	Bulk, Bag

Specifications	
Capacitance:	820 uF
Capacitance Tolerance:	20%
Voltage DC:	200 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:	170 mOhms (100Hz 20C), 96 mOhms (100kHz 20C)
Ripple Current:	2.5 Amps (100Hz 85C), 9.7 Amps (20kHz 40C)
Leakage Current:	492 uA (5min 20°C)

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