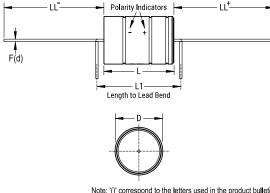
## KEMET Part Number: PEG126HF368EQE1 Not for New Design



## PEG126, Aluminum Electrolytic, 680 uF, -10/+30%, 25 VDC, -40/+150°C



Note: '()' d	correspond to	the letters	used in the	product bulletin	
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Dimensions				
D	16mm +/-0.5mm			
L	29mm +/-1mm			
L1	35mm MIN			
LL Negative	42mm +3/-2mm			
LL Positive	42mm +3/-2mm			
F	1mm +/-0.03mm			

Packaging Specifications		
Weight:	8 g	
Packaging:	Bulk, Bag	
Packaging Quantity:	125	

General Information			
Series:	PEG126		
Dielectric:	Aluminum Electrolytic		
Style:	Axial		
Description:	Vibration Resistant High Ripple Axial Aluminum Electrolytic		
Features:	Vibration Resistant, High Ripple		
RoHS:	Yes		
Lead:	Wire Leads		
Qualifications:	AEC-Q200		
AEC-Q200:	Yes		
Miscellaneous:	Note: The Voltage, Life , And Rated Ripple Current Displayed For This Series Is Measured At 125C Instead Of 150C		
Notes:	L1 is KEMETs recommendation for minimum distance between symmetrical Lead bend. Available only for Customer specific part numbers. Lead bend dimensions must be specified and confirmed per article.		
Shelf Life:	156 Weeks		

Specifications		
Capacitance:	680 uF	
Capacitance Tolerance:	-10/+30%	
Voltage DC:	25 VDC	
Temperature Range:	-40/+150°C	
Rated Temperature:	150°C	
Life:	6300 Hrs (125C), 1500 Hrs (150C)	
Resistance:	120 mOhms (100Hz 20C), 43 mOhms (100kHz 20C)	
Ripple Current:	1.4 Amps (100Hz 125C), 6.9 Amps (5kHz 105C), 4.1 Amps (5kHz 125C), 1.6 Amps (5kHz 150C)	
Leakage Current:	51 uA (5min 20°C)	
Inductance:	10 nH (ESL)	

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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