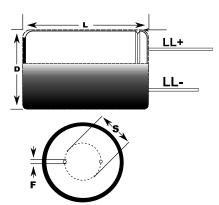
## KEMET Part Number: ESC687M010AH1AA

(SC687M010AH1AAPLP)



## Capacitor, aluminum, 680 uF, +/-20% Tol, -40/+105C, 10VDC@105° C



Dimensions (mm)			
Symbol	Dimension	Tolerance	
D	10	+/-0.5	
L	12	+1.5	
S	5	+/-0.5	
LLPos	20	MIN	
LLNeg	15	MIN	
F	0.6		

Packaging Specifications		
Package Kind:	Bulk	
Package Quantity:	4000	

General Information		
Supplier:	KEMET	
Part Type Description:	Radial Cylindrical Aluminum Electrolytic	
Style:	Radial Cylindrical	
Lead Type:	Straight	

Specifications		
Capacitance:	680 uF	
Tolerance:	+/-20%	
Rated Temperature:	105° C	
Voltage @ rated temp:	10VDC	
VDC Surge:	13VDC	
Life @ rated temp:	2000 Hrs	
RoHS:	Yes	
Low Z/ESR:	Yes	
Temperature Range:	-40/+105C	
Leakage Condition:	2min/20c	
Dissipation Factor:	14%	
Impedance @ 100kHz:	85 mOhm	
Impedance Ratio -40C:	8.0	
Ripple 120Hz @ rated temp:	0.64 A	
Ripple 1kHz @ rated temp:	0.784 A	
Ripple 10kHz @ rated temp:	0.8 A	
Ripple 100kHz @ rated temp:	0.8 A	

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