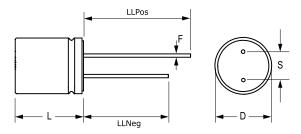
## **KEMET Part Number: A758KK687M0EAAE016**



## Capacitor, Aluminum, 680 uF, +/-20% Tol, -55/+105C, 2.5 VDC@105C



Dimensions (mm)			
Symbol	Dimension	Tolerance	
D	8	+/-0.5	
L	8	+/-1	
S	3.5	+/-0.5	
LLPos	19	MIN	
LLNeg	15	MIN	
F	0.6	+/-0.5	

Packaging Specifications		
Package Kind:	Bulk	
Package Type:	Bag	

General Information		
Supplier:	KEMET	
Application:	105C Polymer	
Part Type Description:	Single Ended, Polymer Aluminum	
Lead Type:	Wire Leads	
RoHS:	Yes	

Specifications		
Capacitance:	680 uF	
Voltage:	2.5 VDC	
Tolerance:	+/-20%	
Voltage:	2.9 VDC (Surge)	
Life:	5000 Hrs (+/-20% Initial Capacitance, 1.5x DF MAX, Leakage Within Limit)	
Rated Temperature:	105C	
Temperature Range:	-55/+105C	
Leakage Current:	255 uA	
Leakage Condition:	uAmps (2min 20C)	
Dissipation Factor:	10%	
Impedance Ratio -25C:	1.25	
Impedance Ratio -55C:	1.25	
Resistance/ESR:	16 mOhms (100kHz 20C)	
Current/Ripple Current:	4100 mAmps (100kHz 105C)	

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.

