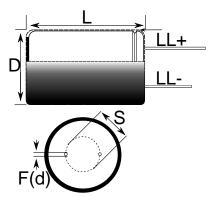
## **KEMET Part Number: ESK105M050AC3AA**



## Capacitor, aluminum, 1 uF, +/-20% Tol, -40/+85C, 50 VDC@85C



Note: '()' correspond to the letters used in the product bull
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Dimensions (mm)			
Symbol	Dimension	Tolerance	
D	5	+/-0.5	
L	11	+1.5	
S	2	+/-0.5	
LLPos	20	MIN	
LLNeg	15	MIN	
F	0.5	NOM	

Packaging Specifications		
Package Kind:	Bulk	
Package Type:	Bag	
Package Quantity:	10000	

General Information		
Supplier:	KEMET	
Application:	General Purpose	
Part Type Description:	Single Ended, Aluminum Electrolytic	
Lead Type:	Wire Leads	
RoHS:	Yes	

Specifications		
Capacitance:	1 uF	
Voltage:	50 VDC	
Tolerance:	+/-20%	
Voltage:	63 VDC (Surge)	
Life:	2000 Hrs	
Rated Temperature:	85C	
Temperature Range:	-40/+85C	
Leakage Current:	3 uA	
Leakage Condition:	uAmps (2min 20C)	
Dissipation Factor:	10%	
Impedance Ratio -25C:	3.0	
Impedance Ratio -40C:	3.0	
Current/Ripple Current:	10 mAmps (120Hz 85C)	

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.

