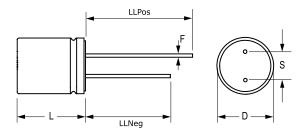
KEMET Part Number: A759KS396M1HAAE042



Capacitor, Aluminum, 39 uF, +/-20% Tol, -55/+125C, 50 VDC@125C



Dimensions (mm)			
Symbol	Dimension	Tolerance	
D	8	+/-0.5	
L	12	+/-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:	125C Polymer	
Part Type Description:	Single Ended, Polymer Aluminum	
Lead Type:	Wire Leads	
RoHS:	Yes	

Specifications		
Capacitance:	39 uF	
Voltage:	50 VDC	
Tolerance:	+/-20%	
Voltage:	57.5 VDC (Surge)	
Life:	2000 Hrs (+/-20% Initial Capacitance, 1.5x DF MAX, Leakage Within Limit)	
Rated Temperature:	125C	
Temperature Range:	-55/+125C	
Leakage Current:	292.5 uA	
Leakage Condition:	uAmps (2min 20C)	
Dissipation Factor:	12%	
Impedance Ratio -25C:	1.25	
Impedance Ratio -55C:	1.25	
Resistance/ESR:	42 mOhms (100kHz 20C)	
Current/Ripple Current:	1.63 mAmps (100kHz 105C)	
Current/Ripple Current:	0.95 mAmps (100kHz 125C)	

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