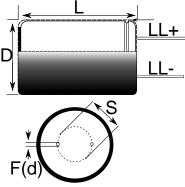
## KEMET Part Number: EST827M050AL6AA



## Capacitor, aluminum, 820 uF, +/-20% Tol, -40/+105C, 50 VDC@105C



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Dimensions (mm)					
Symbol	Dimension	Tolerance			
D	13	+/-0.5			
L	36	+2			
S	5	+/-0.5			
LLPos	20	MIN			
LLNeg	15	MIN			
F	0.6	NOM			

Packaging Specifications		
Package Kind:	Bulk	
Package Type:	Bag	
Package Quantity:	1000	

General Information				
Supplier:	KEMET			
Application:	105C Low Z			
Part Type Description:	Low-Z/Long-Life Single Ended Aluminum Electrolytic			
Lead Type:	Wire Leads			
RoHS:	Yes			

Specifications				
Capacitance:	820 uF			
Voltage:	50 VDC			
Tolerance:	+/-20%			
Voltage:	63 VDC (Surge)			
Life:	10000 Hrs			
Rated Temperature:	105C			
Temperature Range:	-40/+105C			
Leakage Current:	410 uA			
Leakage Condition:	uAmps (2min 20C)			
Dissipation Factor:	10%			
Impedance Ratio -25C:	2.0			
Impedance Ratio -40C:	3.0			
Resistance/ESR:	0.083 Ohms (100kHz 20C)			
Current/Ripple Current:	2510 mAmps (100kHz 105C)			

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