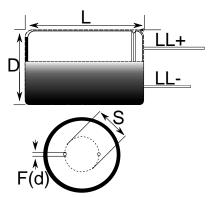
## **KEMET Part Number: EST827M025AH5AA**



## Capacitor, aluminum, 820 uF, +/-20% Tol, -40/+85C, 25 VDC@85C



Dimensions (mm)			
Symbol	Dimension	Tolerance	
D	10	+/-0.5	
L	25	+2.0/-0	
S	5	+/-0.5	
LLPos	20	MIN	
LLNeg	15	MIN	
F	0.6	NOM	

Packaging Specifications		
Package Kind:	Bulk	
Package Type:	Bag	
Package Quantity:	2400	

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

Specifications		
Capacitance:	820 uF	
Voltage:	25 VDC	
Tolerance:	+/-20%	
Voltage:	32 VDC (Surge)	
Life:	7000 Hrs	
Rated Temperature:	85C	
Temperature Range:	-40/+85C	
Leakage Current:	205 uA	
Leakage Condition:	uAmps (2min 20C)	
Dissipation Factor:	1400%	
Impedance Ratio -25C:	2.0	
Impedance Ratio -40C:	3.0	
Resistance/ESR:	0.052 Ohms (100kHz 25C)	
Current/Ripple Current:	1650 mAmps (120Hz 105C)	

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