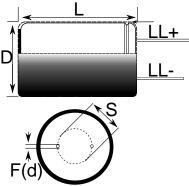
## KEMET Part Number: EST827M050AL6AA



## Aluminum Electrolytic, 105C LowZ, EST, 820 uF, 20%, 50 V, -40/+105C, Lead Spacing = 5mm



Note: '()' correspond to the letters used in the product bulletin

Dimensions		
D	13mm +/-0.5mm	
L	35mm +2mm	
S	5mm +/-0.5mm	
LL Negative	15mm MIN	
LL Positive	20mm MIN	
F	0.6mm NOM	

Packaging Specifications		
Packaging:	Bulk, Bag	
Packaging Quantity:	1000	

General Information		
Dielectric:	Aluminum Electrolytic	
Series:	EST	
Description:	LowZ, Long Life, Single Ended Aluminum Electrolytic	
Features:	Low Z, Long Life, Low Impedance	
RoHS:	Yes	
Lead:	Wire Leads	

Specifications		
Capacitance:	820 uF	
Capacitance Tolerance:	20%	
Voltage DC:	50 VDC, 63 VDC (Surge)	
Temperature Range:	-40/+105C	
Rated Temperature:	105C	
Life:	10000 Hrs	
Dissipation Factor:	14%	
Resistance:	0.083 Ohms (100kHz 20C)	
Current:	2510 mAmps (100kHz 105C)	
Leakage Current:	410 uA (2min 20C)	
Impedance Ratio at -25C:	2	
Impedance Ratio at -40C:	3	

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