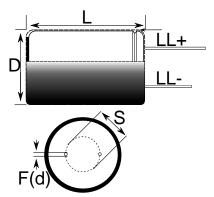
## **KEMET Part Number: EST158M025AL4AA**



## Aluminum Electrolytic, 105C LowZ, EST, 1500 uF, 20%, 25 V, -40/+105C, 25mm, Lead Spacing = 5mm



Dimensions	
D	13mm +/-0.5mm
L	25mm +2.0mm
S	5mm +/-0.5mm
LL Negative	15mm MIN
LL Positive	20mm MIN
F	0.6mm NOM

Packaging Specifications		
Packaging:	Bulk, Bag	
Packaging Quantity:	1600	

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

Specifications	
Capacitance:	1500 uF
Capacitance Tolerance:	20%
Voltage DC:	25 VDC, 32 VDC (Surge)
Temperature Range:	-40/+105C
Rated Temperature:	105C
Life:	10000 Hrs
Dissipation Factor:	14%
Resistance:	0.034 Ohms (100kHz 25C)
Current:	2230 mAmps (120Hz 105C)
Leakage:	375 uAmps (2min 20C)
Impedance Ratio at -25C:	2
Impedance Ratio at -40C:	3

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