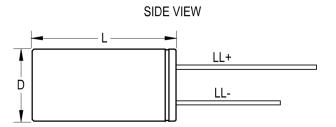
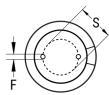


## EST687M050AL8AA

EST, Aluminum Electrolytic, 680 uF, 20%, 50 VDC, -40/+105°C, Lead Spacing = 5mm



## TERMINAL END VIEW



Click here for the 3D model.

Dimensions	
D	13mm +/-0.5mm
L	30mm +2mm
S	5mm +/-0.5mm
LL Negative	15mm MIN
LL Positive	20mm MIN
F	0.6mm NOM

Packaging Specifications	
Packaging	Bulk, Bag
Packaging Quantity	1200

General Information		
Series	EST	
Dielectric	Aluminum Electrolytic	
Description	LowZ, Long Life, Single Ended Aluminum Electrolytic	
Features	Low Z, Long Life, Low Impedance	
RoHS	Yes	
Lead	Wire Leads	
AEC-Q200	No	

Specifications	
<u> </u>	C00E
Capacitance	680 uF
Capacitance Tolerance	20%
Voltage DC	50 VDC, 63 VDC (Surge)
Temperature Range	-40/+105°C
Rated Temperature	105°C
Life	10000 Hrs
Dissipation Factor	14%
Resistance	0.1 Ohms (ESR, 100kHz 25C), 0.1 Ohms (Z, 100kHz 20C)
Ripple Current	2310 mAmps (100kHz 105C)
Leakage Current	340 uA (2min 20°C)
Impedance Ratio at - 25C	2
Impedance Ratio at - 40C	3

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