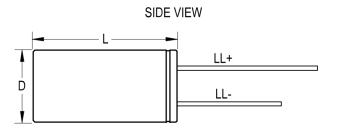


## EST688M016AN2AA

EST, Aluminum Electrolytic, 6,800 uF, 20%, 16 VDC, -40/+105°C, Lead Spacing = 7.5mm



## TERMINAL END VIEW



Click here for the 3D model.

Dimensions	,
D	18mm +/-0.5mm
L	36mm +2mm
S	7.5mm +/-0.5mm
LL Negative	15mm MIN
LL Positive	20mm MIN
F	0.8mm NOM

Packaging Specifications	
Packaging	Bulk, Bag
Packaging Quantity	500

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	
Capacitance	6,800 uF
Capacitance Tolerance	20%
Voltage DC	16 VDC, 20 VDC (Surge)
Temperature Range	-40/+105°C
Rated Temperature	105°C
Life	10000 Hrs
Dissipation Factor	16%
Resistance	0.014 Ohms (ESR, 100kHz 25C), 0.014 Ohms (Z, 100kHz 20C)
Ripple Current	4220 mAmps (100kHz 105C)
Leakage Current	1088 uA (2min 20°C)
Impedance Ratio at - 25C	2
Impedance Ratio at - 40C	4

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.