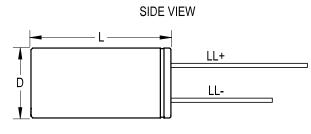


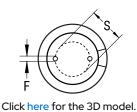
EST688M016AN2AA

General Information

EST, Aluminum, Aluminum Electrolytic, 6,800 uF, 20%, 16 VDC, –40/ +105°C, 7.5 mm



TERMINAL END VIEW



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

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

Specifications	
Capacitance	6,800 uF
Tolerance	20%
Voltage DC	16 VDC, 20 VDC (Surge)
Temperature Range	-40/+105°C
Rated Temperature	105°C
Life	10000 Hrs
Dissipation Factor	16%
ESR	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.