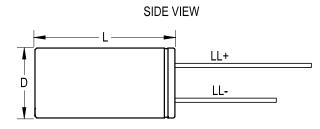
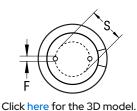


ESC687M010AH1AA

ESC, Aluminum, Aluminum Electrolytic, 680 uF, 20%, 10 VDC, -40/+105°C, 5 mm



TERMINAL END VIEW



General Information ESC Series Aluminum Electrolytic Dielectric Description LowESR Single Ended Aluminum Electrolytic Low ESR Features RoHS Yes Lead Wire Leads AEC-Q200 No

Dimensions	
D	10mm +/-0.5mm
L	12mm +1.5mm
S	5mm +/-0.5mm
LL Negative	15mm MIN
LL Positive	20mm MIN
F	0.6mm NOM

Packaging Specifications

Packaging

Bulk, Bag

Specifications	
Capacitance	680 uF
Tolerance	20%
Voltage DC	10 VDC, 13 VDC (Surge)
Temperature Range	-40/+105°C
Rated Temperature	105°C
Life	2000 Hrs
Dissipation Factor	14%
ESR	0.085 Ohms (100kHz 20C)
Ripple Current	800 mAmps (100kHz 105C)
Leakage Current	68 uA (2min 20°C)
Impedance Ratio at -25C	3
Impedance Ratio at -40C	6

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.