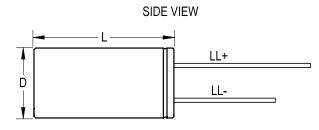


ESY686M016AE2AA

ESY, Aluminum, Aluminum Electrolytic, 68 uF, 20%, 16 VDC, -40/+105°C, 2.5 mm



TERMINAL END VIEW



Click here for the 3D model.

General Information ESY Series Aluminum Electrolytic Dielectric Description LowZ Single Ended Aluminum Electrolytic Features Low Profile(7mm) RoHS Yes Lead Wire Leads AEC-Q200 No

Dimensions	
D	6.3mm +/-0.5mm
L	7mm +1.5mm
S	2.5mm +/-0.5mm
LL Negative	15mm MIN
LL Positive	20mm MIN
F	0.45mm NOM

Packaging Specifications

Packaging

Bulk, Bag

Specifications	
Capacitance	68 uF
Tolerance	20%
Voltage DC	16 VDC, 20 VDC (Surge)
Temperature Range	-40/+105°C
Rated Temperature	105°C
Life	1000 Hrs
Dissipation Factor	16% 120Hz 20C
ESR	0.24 Ohms (100kHz 20C)
Ripple Current	300 mAmps (100kHz 105C)
Leakage Current	10.88 uA (2min 20°C)
Impedance Ratio at -25C	2
Impedance Ratio at -40C	3

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