

ESY685M100AC3AA

ESY, Aluminum, Aluminum Electrolytic, 6.8 uF, 20%, 100 VDC, -40/+105°C, 2 mm

SIDE VIEW



TERMINAL END VIEW



Click [here](#) for the 3D model.

General Information

Series	ESY
Dielectric	Aluminum Electrolytic
Description	LowZ Single Ended Aluminum Electrolytic
Features	Low Z
RoHS	Yes
Lead	Wire Leads
AEC-Q200	No

Dimensions

D	5mm +/-0.5mm
L	11mm +1.5mm
S	2mm +/-0.5mm
LL Negative	15mm MIN
LL Positive	20mm MIN
F	0.5mm NOM

Packaging Specifications

Packaging	Bulk, Bag
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Specifications

Capacitance	6.8 uF
Tolerance	20%
Voltage DC	100 VDC, 125 VDC (Surge)
Temperature Range	-40/+105°C
Rated Temperature	105°C
Life	2000 Hrs
Dissipation Factor	8%
ESR	1.4 Ohms (100kHz 20C)
Ripple Current	125 mAmps (100kHz 105C)
Leakage Current	6.8 uA (2min 20°C)
Impedance Ratio at -25C	2
Impedance Ratio at -40C	3

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