

ESY686M016AE2AA

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