

## ESY686M025AE3EA

ESY, Aluminum Electrolytic, 68 uF, 20%, 25 VDC, -40/+105°C, Lead Spacing = 2.5mm



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

### Dimensions

D	6.3mm +/-0.5mm
L	11mm +1.5mm
S	2.5mm +/-0.5mm
LL Negative	15mm MIN
LL Positive	20mm MIN
F	0.5mm NOM

### Packaging Specifications

Packaging	Ammo
Packaging Quantity	2000

### General Information

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

### Specifications

Capacitance	68 uF
Capacitance Tolerance	20%
Voltage DC	25 VDC, 32 VDC (Surge)
Temperature Range	-40/+105°C
Rated Temperature	105°C
Life	2000 Hrs
Dissipation Factor	14%
Resistance	0.19 Ohms (100kHz)
Ripple Current	340 mAmps (100kHz 105C)
Leakage Current	17 uA (2min 20°C)
Impedance Ratio at -25C	2
Impedance Ratio at -40C	3

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