

ESG686M450AN3AA

ESG, Aluminum Electrolytic, 68 uF, 20%, 450 VDC, -25/+105°C, Lead Spacing = 7.5mm



TERMINAL END VIEW



Click here for the 3D model.

Dimensions	
D	18mm +/-0.5mm
L	40mm +2mm
S	7.5mm +/-0.5mm
LL Negative	15mm MIN
LL Positive	20mm MIN
F	0.8mm NOM

Packaging Specifications

Packaging	Bulk, Bag
Packaging Quantity	500

General Information		
Series	ESG	
Dielectric	Aluminum Electrolytic	
Description	Long Life Single Ended Aluminum Electrolytic	
Features	Long Life	
RoHS	Yes	
Lead	Wire Leads	
AEC-Q200	No	

Specifications	
Capacitance	68 uF
Capacitance Tolerance	20%
Voltage DC	450 VDC, 500 VDC (Surge)
Temperature Range	-25/+105°C
Rated Temperature	105°C
Life	5000 Hrs
Dissipation Factor	24% 120Hz 20C
Ripple Current	460 mAmps (120Hz 105C)
Leakage Current	1846 uA (2min 20°C)
Impedance Ratio at -25C	6

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