

ESG685M450AH4AA

ESG, Aluminum Electrolytic, 6.8 uF, 20%, 450 VDC, -25/+105°C, Lead Spacing = 5mm

SIDE VIEW



TERMINAL END VIEW



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

Dimensions	
D	10mm +/-0.5mm
L	20mm +2mm
S	5mm +/-0.5mm
LL Negative	15mm MIN
LL Positive	20mm MIN
F	0.6mm NOM

Packaging Specifications	
Packaging	Bulk, Bag
Packaging Quantity	2400

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	6.8 uF
Capacitance Tolerance	20%
Voltage DC	450 VDC, 500 VDC (Surge)
Temperature Range	-25/+105°C
Rated Temperature	105°C
Life	3000 Hrs
Dissipation Factor	24% 120Hz 20C
Ripple Current	90 mAmps (120Hz 105C)
Leakage Current	194 uA (2min 20°C)
Impedance Ratio at -25C	6

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