

## ESG476M450AN1AA

ESG, Aluminum, Aluminum Electrolytic, 47 uF, 20%, 450 VDC, -25/+105°C, 7.5 mm

SIDE VIEW



TERMINAL END VIEW



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

### 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

### Dimensions

D	18mm +/-0.5mm
L	32mm +2mm
S	7.5mm +/-0.5mm
LL Negative	15mm MIN
LL Positive	20mm MIN
F	0.8mm NOM

### Packaging Specifications

Packaging	Bulk, Bag
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### Specifications

Capacitance	47 uF
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	340 mAmps (120Hz 105C)
Leakage Current	1279 uA (2min 20°C)
Impedance Ratio at -25C	6

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