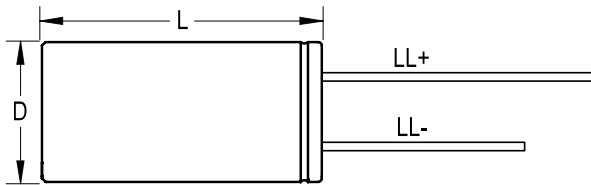


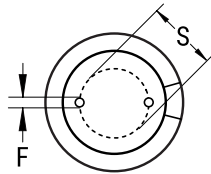
## ESG106M450AL3AA

ESG, Aluminum, Aluminum Electrolytic, 10 uF, 20%, 450 VDC, -25/+105°C, 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           | 13mm +/-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 |
|-----------|-----------|

### Specifications

|                         |                          |
|-------------------------|--------------------------|
| Capacitance             | 10 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          | 110 mAmps (120Hz 105C)   |
| Leakage Current         | 280 uA (2min 20°C)       |
| Impedance Ratio at -25C | 6                        |

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