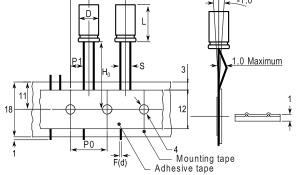


## ESG686M250AM7EA

ESG, Aluminum, Aluminum Electrolytic, 68 uF, 20%, 250 VDC, -40/+105°C, 7.5 mm

## Straight Leads Diameter > 8 Lead and packaging code EA and KA $P^2$ P +1.0+1.0



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

|    | Click here for the 3D model. |
|----|------------------------------|
| าร |                              |
|    |                              |

Note: '()' correspond to the letters used in the product bulletin

| D           | 16mm +/-0.5mm    |
|-------------|------------------|
| L           | 25mm +2mm        |
| S           | 7.5mm +/-0.5mm   |
| LL Negative | 15mm MIN         |
| LL Positive | 20mm MIN         |
| но          | 18.5mm +/-0.75mm |
| F           | 0.8mm NOM        |

## Packaging Specifications

Packaging

Dimension

Ammo

| Specifications          |                          |
|-------------------------|--------------------------|
| Capacitance             | 68 uF                    |
| Tolerance               | 20%                      |
| Voltage DC              | 250 VDC, 300 VDC (Surge) |
| Temperature Range       | -40/+105°C               |
| Rated Temperature       | 105°C                    |
| Life                    | 5000 Hrs                 |
| Dissipation Factor      | 15% 120Hz 20C            |
| Ripple Current          | 380 mAmps (120Hz 105C)   |
| Leakage Current         | 1030 uA (2min 20°C)      |
| Impedance Ratio at -25C | 3                        |
| Impedance Ratio at -40C | 6                        |

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