

ESL687M063AK3AA

ESL, Aluminum, Aluminum Electrolytic, 680 uF, 20%, 63 VDC, -40/+105°C, 5 mm

SIDE VIEW



TERMINAL END VIEW



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

General Information

| | |
|--------------------------|-------------------------------------|
| Series | ESL |
| Dielectric | Aluminum Electrolytic |
| Description | Single Ended, Aluminum Electrolytic |
| RoHS | Yes |
| Lead | Wire Leads |
| AEC-Q200 | No |
| Typical Component Weight | 5.7 g |

Dimensions

| | |
|-------------|-----------------|
| D | 12.5mm +/-0.5mm |
| L | 35mm +2.0mm |
| S | 5mm +/-0.5mm |
| LL Negative | 15mm MIN |
| LL Positive | 20mm MIN |
| F | 0.6mm NOM |

Packaging Specifications

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|-----------|-----------|
| Packaging | Bulk, Bag |
|-----------|-----------|

Specifications

| | |
|-------------------------|--------------------------|
| Capacitance | 680 uF |
| Tolerance | 20% |
| Voltage DC | 63 VDC, 79 VDC (Surge) |
| Temperature Range | -40/+105°C |
| Rated Temperature | 105°C |
| Life | 10000 Hrs |
| Dissipation Factor | 9% 120Hz 20C |
| ESR | 0.036 Ohms (100kHz 20C) |
| Ripple Current | 2250 mAmps (100kHz 105C) |
| Leakage Current | 428.4 uA (2min 20°C) |
| Impedance Ratio at -40C | 4 |

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