

ESC686M063AG3AA

ESC, Aluminum Electrolytic, 68 μ F, 20%, 63 VDC, -40/+105°C, Lead Spacing = 3.5mm

SIDE VIEW



TERMINAL END VIEW



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

| Dimensions | |
|-------------|----------------|
| D | 8mm +/-0.5mm |
| L | 11mm +1.5mm |
| S | 3.5mm +/-0.5mm |
| LL Negative | 15mm MIN |
| LL Positive | 20mm MIN |
| F | 0.6mm NOM |

| Packaging Specifications | |
|--------------------------|-----------|
| Packaging | Bulk, Bag |
| Packaging Quantity | 6000 |

General Information

| | |
|-------------|---|
| Series | ESC |
| Dielectric | Aluminum Electrolytic |
| Description | LowESR Single Ended Aluminum Electrolytic |
| Features | Low ESR |
| RoHS | Yes |
| Lead | Wire Leads |
| AEC-Q200 | No |

Specifications

| | |
|-------------------------|--------------------------|
| Capacitance | 68 μ F |
| Capacitance Tolerance | 20% |
| Voltage DC | 63 VDC, 79 VDC (Surge) |
| Temperature Range | -40/+105°C |
| Rated Temperature | 105°C |
| Life | 2000 Hrs |
| Dissipation Factor | 9% |
| Resistance | 0.52 Ohms (100kHz) |
| Ripple Current | 550 mAmps (100kHz 105C) |
| Leakage Current | 42.8 μ A (2min 20°C) |
| Impedance Ratio at -25C | 2 |
| Impedance Ratio at -40C | 4 |

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