

ESC108M6R3AG6EA

ESC, Aluminum, Aluminum Electrolytic, 1,000 uF, 20%, 6.3 VDC, -40/+105°C, 3.5 mm



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

General Information

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

Dimensions

| | |
|-------------|------------------|
| D | 8mm +/-0.5mm |
| L | 20mm +2mm |
| S | 3.5mm +/-0.5mm |
| LL Negative | 15mm MIN |
| LL Positive | 20mm MIN |
| H0 | 18.5mm +/-0.75mm |
| F | 0.6mm NOM |

Packaging Specifications

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|-----------|------|
| Packaging | Ammo |
|-----------|------|

Specifications

| | |
|-------------------------|-------------------------|
| Capacitance | 1,000 uF |
| Tolerance | 20% |
| Voltage DC | 6.3 VDC, 8 VDC (Surge) |
| Temperature Range | -40/+105°C |
| Rated Temperature | 105°C |
| Life | 2000 Hrs |
| Dissipation Factor | 22% |
| ESR | 0.069 Ohms (100kHz 20C) |
| Ripple Current | 800 mAmps (100kHz 105C) |
| Leakage Current | 63 uA (2min 20°C) |
| Impedance Ratio at -25C | 4 |
| Impedance Ratio at -40C | 8 |

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