

ESC107M100AL3AA

ESC, Aluminum Electrolytic, 100 uF, 20%, 100 VDC, -40/+105°C, Lead Spacing = 5mm

SIDE VIEW



TERMINAL END VIEW



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

| 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 |
| Packaging Quantity | 2000 |

| 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 | 100 uF |
| Capacitance Tolerance | 20% |
| Voltage DC | 100 VDC, 125 VDC (Surge) |
| Temperature Range | -40/+105°C |
| Rated Temperature | 105°C |
| Life | 3000 Hrs |
| Dissipation Factor | 8% |
| Resistance | 0.18 Ohms (100kHz) |
| Ripple Current | 800 mAmps (100kHz 105C) |
| Leakage Current | 100 uA (2min 20°C) |
| Impedance Ratio at -25C | 2 |
| Impedance Ratio at -40C | 4 |

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