

ESY278M016AM5AA

ESY, Aluminum, Aluminum Electrolytic, 2,700 uF, 20%, 16 VDC, -40/+105°C, 7.5 mm

SIDE VIEW



TERMINAL END VIEW



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

General Information

| | |
|-------------|---|
| Series | ESY |
| Dielectric | Aluminum Electrolytic |
| Description | LowZ Single Ended Aluminum Electrolytic |
| Features | Low Z |
| RoHS | Yes |
| Lead | Wire Leads |
| AEC-Q200 | No |

Dimensions

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

Packaging Specifications

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

Specifications

| | |
|-------------------------|--------------------------|
| Capacitance | 2,700 uF |
| Tolerance | 20% |
| Voltage DC | 16 VDC, 20 VDC (Surge) |
| Temperature Range | -40/+105°C |
| Rated Temperature | 105°C |
| Life | 5000 Hrs |
| Dissipation Factor | 16% 120Hz 20C |
| ESR | 0.018 Ohms (100kHz 20C) |
| Ripple Current | 3140 mAmps (100kHz 105C) |
| Leakage Current | 432 uA (2min 20°C) |
| Impedance Ratio at -25C | 2 |
| Impedance Ratio at -40C | 3 |

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