

## ESY156M100AE3AA

ESY, Aluminum, Aluminum Electrolytic, 15 uF, 20%, 100 VDC, -40/+105°C, 2.5 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           | 6.3mm +/-0.5mm |
| L           | 11mm +1.5mm    |
| S           | 2.5mm +/-0.5mm |
| LL Negative | 15mm MIN       |
| LL Positive | 20mm MIN       |
| F           | 0.5mm NOM      |

### Packaging Specifications

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

### Specifications

|                         |                          |
|-------------------------|--------------------------|
| Capacitance             | 15 uF                    |
| Tolerance               | 20%                      |
| Voltage DC              | 100 VDC, 125 VDC (Surge) |
| Temperature Range       | -40/+105°C               |
| Rated Temperature       | 105°C                    |
| Life                    | 2000 Hrs                 |
| Dissipation Factor      | 8% 120Hz 20C             |
| ESR                     | 0.57 Ohms (100kHz 20C)   |
| Ripple Current          | 210 mAmps (100kHz 105C)  |
| Leakage Current         | 15 uA (2min 20°C)        |
| Impedance Ratio at -25C | 2                        |
| Impedance Ratio at -40C | 3                        |

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