

## ESY566M025AE2EA

ESY, Aluminum Electrolytic, 56 uF, 20%, 25 VDC, -40/+105°C, Lead Spacing = 2.5mm



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

### Dimensions

|             |                |
|-------------|----------------|
| D           | 6.3mm +/-0.5mm |
| L           | 7mm +1.5mm     |
| S           | 2.5mm +/-0.5mm |
| LL Negative | 15mm MIN       |
| LL Positive | 20mm MIN       |
| F           | 0.45mm NOM     |

### Packaging Specifications

|                    |      |
|--------------------|------|
| Packaging          | Ammo |
| Packaging Quantity | 2000 |

### General Information

|             |   |
|-------------|---|
| Series      | ESY                                     |
| Dielectric  | Aluminum Electrolytic                   |
| Description | LowZ Single Ended Aluminum Electrolytic |
| Features    | Low Profile(7mm)                        |
| RoHS        | Yes                                     |
| Lead        | Wire Leads                              |
| AEC-Q200    | No                                      |

### Specifications

|                         |                         |
|-------------------------|-------------------------|
| Capacitance             | 56 uF                   |
| Capacitance Tolerance   | 20%                     |
| Voltage DC              | 25 VDC, 32 VDC (Surge)  |
| Temperature Range       | -40/+105°C              |
| Rated Temperature       | 105°C                   |
| Life                    | 1000 Hrs                |
| Dissipation Factor      | 14%                     |
| Resistance              | 0.24 Ohms (100kHz)      |
| Ripple Current          | 300 mAmps (100kHz 105C) |
| Leakage Current         | 14 uA (2min 20°C)       |
| Impedance Ratio at -25C | 2                       |
| Impedance Ratio at -40C | 3                       |

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