

SIDE VIEW



TERMINAL END VIEW



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**General Information**

|             |   |
|-------------|---|
| Series      | ESY                                     |
| Dielectric  | Aluminum Electrolytic                   |
| Description | LowZ Single Ended Aluminum Electrolytic |
| Features    | Low Z                                   |
| RoHS        | Yes                                     |
| Lead        | Wire Leads                              |

**Dimensions**

|             |                |
|-------------|----------------|
| D           | 8mm +/-0.5mm   |
| L           | 11mm +/-1.5mm  |
| S           | 3.5mm +/-0.5mm |
| LL Negative | 15mm MIN       |
| LL Positive | 20mm MIN       |
| F           | 0.6mm NOM      |

**Packaging Specifications**

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

**Specifications**

|                         |                         |
|-------------------------|-------------------------|
| Capacitance             | 100 uF                  |
| Tolerance               | 20%                     |
| Voltage DC              | 35 VDC, 44 VDC (Surge)  |
| Temperature Range       | -40/+105°C              |
| Rated Temperature       | 105°C                   |
| Life                    | 3000 Hrs                |
| Dissipation Factor      | 12% 120Hz 20C           |
| ESR                     | 0.105 Ohms (100kHz 20C) |
| Ripple Current          | 620 mAmps (100kHz 105C) |
| Leakage Current         | 35 uA (2min 20°C)       |
| Impedance Ratio at -25C | 2                       |
| Impedance Ratio at -40C | 3                       |

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