



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                              |

**Dimensions**

|             |                  |
|-------------|------------------|
| D           | 8mm +/-0.5mm     |
| L           | 16mm +2mm        |
| S           | 3.5mm +/-0.5mm   |
| LL Negative | 15mm MIN         |
| LL Positive | 20mm MIN         |
| H0          | 18.5mm +/-0.75mm |
| F           | 0.6mm NOM        |

**Packaging Specifications**

|           |      |
|-----------|------|
| Packaging | Ammo |
|-----------|------|

**Specifications**

|                         |                          |
|-------------------------|--------------------------|
| Capacitance             | 470 uF                   |
| Tolerance               | 20%                      |
| Voltage DC              | 16 VDC, 20 VDC (Surge)   |
| Temperature Range       | -40/+105°C               |
| Rated Temperature       | 105°C                    |
| Life                    | 3000 Hrs                 |
| Dissipation Factor      | 16% 120Hz 20C            |
| ESR                     | 0.056 Ohms (100kHz 20C)  |
| Ripple Current          | 1000 mAmps (100kHz 105C) |
| Leakage Current         | 75.2 uA (2min 20°C)      |
| Impedance Ratio at -25C | 2                        |
| Impedance Ratio at -40C | 3                        |

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