



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

### Dimensions

|             |                |
|-------------|----------------|
| D           | 4mm +/-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 | 2500 |

### General Information

|             |                                     |
|-------------|-------------------------------------|
| Series      | ESS                                 |
| Dielectric  | Aluminum Electrolytic               |
| Description | Single Ended, Aluminum Electrolytic |
| RoHS        | Yes                                 |
| Lead        | Formed To 2.5mm                     |
| AEC-Q200    | No                                  |

### Specifications

|                         |                        |
|-------------------------|------------------------|
| Capacitance             | 1 uF                   |
| Capacitance Tolerance   | 20%                    |
| Voltage DC              | 50 VDC, 63 VDC (Surge) |
| Temperature Range       | -40/+105°C             |
| Rated Temperature       | 105°C                  |
| Life                    | 1000 Hrs               |
| Dissipation Factor      | 10%                    |
| Ripple Current          | 10 mAmps (120Hz 105C)  |
| Leakage Current         | 3 uA (2min 20°C)       |
| Impedance Ratio at -25C | 2                      |
| Impedance Ratio at -40C | 3                      |