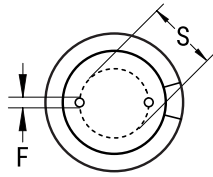




TERMINAL END VIEW



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

**General Information**

|             |  |
|-------------|--|
| Series      | EST  |
| Dielectric  | Aluminum Electrolytic                                |
| Description | Low Z, Long Life, Single Ended Aluminum Electrolytic |
| Features    | Low Z, Long Life, Low Impedance                      |
| RoHS        | Yes  |
| Lead        | Wire Leads   |
| AEC-Q200    | No   |

**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             | 680 uF  |
| Tolerance               | 20%   |
| Voltage DC              | 6.3 VDC, 8 VDC (Surge)                                  |
| Temperature Range       | -40/+105°C  |
| Rated Temperature       | 105°C   |
| Life                    | 6000 Hrs  |
| Dissipation Factor      | 22%   |
| ESR                     | 0.2 Ohms (ESR, 100kHz 25C),<br>0.2 Ohms (Z, 100kHz 20C) |
| Ripple Current          | 640 mAmps (100kHz 105C)                                 |
| Leakage Current         | 42.84 uA (2min 20°C)                                    |
| Impedance Ratio at -25C | 4   |
| Impedance Ratio at -40C | 8   |

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