

SIDE VIEW



TERMINAL END VIEW



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#### General Information

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

#### Dimensions

|             |               |
|-------------|---------------|
| D           | 13mm +/-0.5mm |
| L           | 20mm +2mm     |
| S           | 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              | 35 VDC, 44 VDC (Surge)                                   |
| Temperature Range       | -40/+105°C   |
| Rated Temperature       | 105°C  |
| Life                    | 10000 Hrs  |
| Dissipation Factor      | 12%  |
| ESR                     | 0.046 Ohms (ESR, 100kHz 25C), 0.046 Ohms (Z, 100kHz 20C) |
| Ripple Current          | 1900 mAmps (100kHz 105C)                                 |
| Leakage Current         | 238 uA (2min 20°C)                                       |
| Impedance Ratio at -25C | 2  |
| Impedance Ratio at -40C | 3  |

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