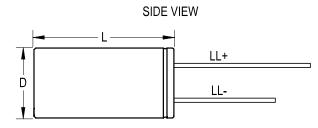
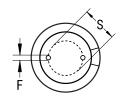


ESX, Aluminum, Aluminum Electrolytic, 680 uF, 20%, 10 VDC, -40/+105°C, 3.5 mm

ESX687M010AG6AA



## TERMINAL END VIEW



Click here for the 3D model.

| Dimensions  |                |
|-------------|----------------|
| D           | 8mm +/-0.5mm   |
| L           | 20mm +2.0mm    |
| S           | 3.5mm +/-0.5mm |
| LL Negative | 15mm MIN       |
| LL Positive | 20mm MIN       |
| F           | 0.6mm NOM      |

## **Packaging Specifications**

Packaging

Bulk, Bag

| General Information |  |
|---------------------|--|
| Series              | ESX                                    |
| Dielectric          | Aluminum Electrolytic                  |
| Description         | Single Ended, Aluminum<br>Electrolytic |
| RoHS                | Yes                                    |
| Lead                | Wire Leads                             |
| AEC-Q200            | No                                     |

| Specifications          |   |
|-------------------------|---|
| Capacitance             | 680 uF  |
| Tolerance               | 20%   |
| Voltage DC              | 10 VDC, 13 VDC (Surge)                                    |
| Temperature Range       | -40/+105°C  |
| Rated Temperature       | 105°C   |
| Life                    | 2000 Hrs  |
| Dissipation Factor      | 19%   |
| ESR                     | 0.18 Ohms (ESR, 100kHz 25C),<br>0.18 Ohms (Z, 100kHz 20C) |
| Ripple Current          | 790 mAmps (100kHz 105C)                                   |
| Leakage Current         | 88.4 uA (2min 20°C)                                       |
| Impedance Ratio at -25C | 3   |
| Impedance Ratio at -40C | 6   |

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