

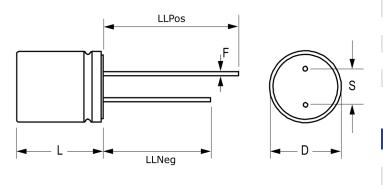
**EN:** This Datasheet is presented by the manufacturer.

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## A750MS827M1CAAE013

A750, Polymer Aluminum, 820 uF, 20%, 16 VDC, -55/+105°C, Lead Spacing = 5mm  $\,$ 



Click here for the 3D model.

| Dimensions  |                 |
|-------------|-----------------|
| D           | 10mm +/-0.5mm   |
| L           | 12mm +/-1mm     |
| S           | 5mm +/-0.5mm    |
| LL Negative | 15mm MIN        |
| LL Positive | 19mm MIN        |
| F           | 0.6mm +/-0.05mm |

| Packaging Specifications |           |
|--------------------------|-----------|
| Packaging                | Bulk, Bag |
| Packaging Quantity       | 250       |

| General Information |                                |
|---------------------|--------------------------------|
| Series              | A750                           |
| Dielectric          | Polymer Aluminum               |
| Description         | Single Ended, Polymer Aluminum |
| RoHS                | Yes                            |
| Lead                | Wire Leads                     |
| AEC-Q200            | No                             |
| Halogen Free        | Yes                            |

| Specifications           | ,  |
|--------------------------|--|
| Capacitance              | 820 uF   |
| Capacitance<br>Tolerance | 20%  |
| Voltage DC               | 16 VDC, 18.4 VDC (Surge)   |
| Temperature<br>Range     | -55/+105°C   |
| Rated<br>Temperature     | 105°C  |
| Life                     | 2000 Hrs (+/-20% Initial Capacitance, 1.5x DF MAX, Leakage Within Limit) |
| Dissipation Factor       | 12% 120Hz 20C  |
| Resistance               | 13 mOhms (100kHz 20C)  |
| Ripple Current           | 4800 mAmps (100kHz 105C)   |
| Leakage Current          | 2624 uA (2min 20°C)  |

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