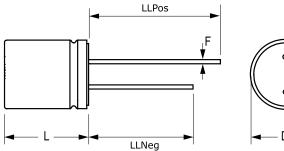
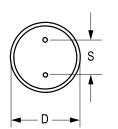


A759PY687M1HAAE026

A759, Aluminum, Polymer Aluminum, 680 uF, 20%, 50 VDC, -55/+125°C, 5 mm





| General Information |                                   |
|---------------------|-----------------------------------|
| Series              | A759                              |
| Dielectric          | Polymer Aluminum                  |
| Description         | Single Ended, Polymer<br>Aluminum |
| RoHS                | Yes                               |
| Lead                | Wire Leads                        |
| AEC-Q200            | No                                |
| Halogen Free        | Yes                               |

## Click here for the 3D model.

| Dimensions  |                 |
|-------------|-----------------|
| D           | 13mm +/-0.5mm   |
| L           | 20mm +/-2mm     |
| S           | 5mm +/-0.5mm    |
| LL Negative | 15mm MIN        |
| LL Positive | 19mm MIN        |
| F           | 0.6mm +/-0.05mm |

## **Packaging Specifications**

Packaging

Bulk, Bag

| Specifications     |                                                                                |
|--------------------|--------------------------------------------------------------------------------|
| Capacitance        | 680 uF                                                                         |
| Tolerance          | 20%                                                                            |
| Voltage DC         | 50 VDC, 57.5 VDC (Surge)                                                       |
| Temperature Range  | -55/+125°C                                                                     |
| Rated Temperature  | 125°C                                                                          |
| Life               | 2000 Hrs (+/-20% Initial<br>Capacitance, 1.5x DF MAX,<br>Leakage Within Limit) |
| Dissipation Factor | 12% 120Hz 20C                                                                  |
| ESR                | 26 mOhms (100kHz 20C)                                                          |
| Ripple Current     | 6520 mAmps (100kHz 105C),<br>3800 mAmps (100kHz 125C)                          |
| Leakage Current    | 5100 uA (2min 20°C)                                                            |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.