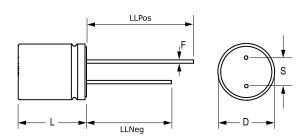
## KEMET Part Number: A758KK687M0GAAE016



## A758, Polymer Aluminum, 680 uF, 20%, 4 VDC, -55/+105°C, Lead Spacing = 3.5mm



| General Information |                                   |  |
|---------------------|-----------------------------------|--|
| Series:             | A758                              |  |
| Dielectric:         | Polymer Aluminum                  |  |
| Description:        | Single Ended, Polymer<br>Aluminum |  |
| RoHS:               | Yes                               |  |
| Lead:               | Wire Leads                        |  |
| AEC-Q200:           | No                                |  |
| Halogen Free:       | Yes                               |  |

| Dimensions  |                 |  |
|-------------|-----------------|--|
| D           | 8mm +/-0.5mm    |  |
| L           | 8mm +/-1mm      |  |
| S           | 3.5mm +/-0.5mm  |  |
| LL Negative | 15mm MIN        |  |
| LL Positive | 19mm MIN        |  |
| F           | 0.6mm +/-0.05mm |  |

| Packaging Specifications |           |
|--------------------------|-----------|
| Packaging:               | Bulk, Bag |
| Packaging Quantity:      | 500       |

| Specifications         |  |
|------------------------|--|
| Capacitance:           | 680 uF   |
| Capacitance Tolerance: | 20%  |
| Voltage DC:            | 4 VDC, 4.6 VDC (Surge)   |
| Temperature Range:     | -55/+105°C   |
| Rated Temperature:     | 105°C  |
| Life:                  | 5000 Hrs (+/-20% Initial<br>Capacitance, 1.5x DF MAX,<br>Leakage Within Limit) |
| Dissipation Factor:    | 10% 120Hz 20C  |
| Resistance:            | 16 mOhms (100kHz 20C)  |
| Ripple Current:        | 4100 mAmps (100kHz 105C)   |
| Leakage Current:       | 408 uA (2min 20°C)   |

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