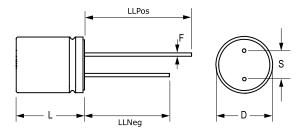
## KEMET Part Number: A759MS157M1VAAE030



## A759, Polymer Aluminum, 150 uF, 20%, 35 VDC, -55/+125°C, Lead Spacing = 5mm



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

| 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       |

| Specifications         |  |
|------------------------|--|
| Capacitance:           | 150 uF   |
| Capacitance Tolerance: | 20%  |
| Voltage DC:            | 35 VDC, 40.2 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  |
| Resistance:            | 30 mOhms (100kHz 20C)  |
| Ripple Current:        | 4630 mAmps (100kHz 105C),<br>2700 mAmps (100kHz 125C)                          |
| Leakage Current:       | 787.5 uA (2min 20°C)   |

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