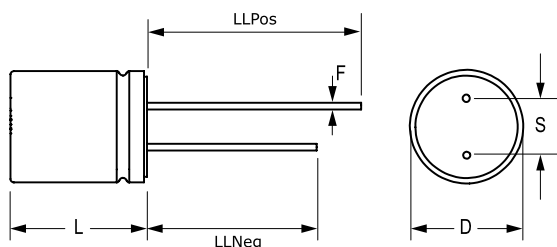


Capacitor, Aluminum, 390 uF, +/-20% Tol, -55/+105C, 2.5 VDC@105C



| Dimensions (mm) |           |           |
|-----------------|-----------|-----------|
| Symbol          | Dimension | Tolerance |
| D               | 6.3       | +/-0.5    |
| L               | 8         | +/-1      |
| S               | 2.5       | +/-0.5    |
| LLPos           | 19        | MIN       |
| LLNeg           | 15        | MIN       |
| F               | 0.5       | +/-0.5    |

| Packaging Specifications |      |
|--------------------------|------|
| Package Kind:            | Bulk |
| Package Type:            | Bag  |

| General Information    |                                |
|------------------------|--------------------------------|
| Supplier:              | KEMET                          |
| Application:           | 105C Polymer                   |
| Part Type Description: | Single Ended, Polymer Aluminum |
| Lead Type:             | Wire Leads                     |
| RoHS:                  | Yes                            |

| Specifications          |                                                                          |
|-------------------------|--------------------------------------------------------------------------|
| Capacitance:            | 390 uF                                                                   |
| Voltage:                | 2.5 VDC                                                                  |
| Tolerance:              | +/-20%                                                                   |
| Voltage:                | 2.9 VDC (Surge)                                                          |
| Life:                   | 5000 Hrs (+/-20% Initial Capacitance, 1.5x DF MAX, Leakage Within Limit) |
| Rated Temperature:      | 105C                                                                     |
| Temperature Range:      | -55/+105C                                                                |
| Leakage Current:        | 146.25 uA                                                                |
| Leakage Condition:      | uAmps (2min 20C)                                                         |
| Dissipation Factor:     | 10%                                                                      |
| Impedance Ratio -25C:   | 1.25                                                                     |
| Impedance Ratio -55C:   | 1.25                                                                     |
| Resistance/ESR:         | 18 mOhms (100kHz 20C)                                                    |
| Current/Ripple Current: | 3100 mAmps (100kHz 105C)                                                 |