

Capacitor, Aluminum, 10 uF, +/-20% Tol, -55/+125C, 50 VDC@125C



| Dimensions (mm) |           |           |
|-----------------|-----------|-----------|
| Symbol          | Dimension | Tolerance |
| D               | 5         | +/-0.5    |
| L               | 11        | +/-1      |
| S               | 2         | +/-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:           | 125C Polymer                   |
| Part Type Description: | Single Ended, Polymer Aluminum |
| Lead Type:             | Wire Leads                     |
| RoHS:                  | Yes                            |

| Specifications          |  |
|-------------------------|--|
| Capacitance:            | 10 uF  |
| Voltage:                | 50 VDC   |
| Tolerance:              | +/-20%   |
| Voltage:                | 57.5 VDC (Surge)   |
| Life:                   | 2000 Hrs (+/-20% Initial Capacitance, 1.5x DF MAX, Leakage Within Limit) |
| Rated Temperature:      | 125C   |
| Temperature Range:      | -55/+125C  |
| Leakage Current:        | 120 uA   |
| Leakage Condition:      | uAmps (2min 20C)   |
| Dissipation Factor:     | 12%  |
| Impedance Ratio -25C:   | 1.25   |
| Impedance Ratio -55C:   | 1.25   |
| Resistance/ESR:         | 105 mOhms (100kHz 20C)   |
| Current/Ripple Current: | 0.38 mAmps (100kHz 105C)   |
| Current/Ripple Current: | 0.22 mAmps (100kHz 125C)   |