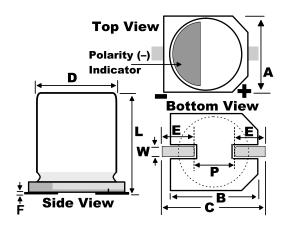
## **KEMET Part Number: A765MU108M1CLAE018**



## Capacitor, Aluminum, 1000 uF, +/-20% Tol, 16 VDC@105C



| Dimensions (mm) |           |           |  |
|-----------------|-----------|-----------|--|
| Symbol          | Dimension | Tolerance |  |
| D               | 10        | +/-0.5    |  |
| L               | 12.6      | +/-0.3    |  |
| Α               | 10.3      | +/-0.2    |  |
| В               | 10.3      | +/-0.2    |  |
| С               | 11        | +/-0.2    |  |
| W               | 0.8       | +0.3      |  |
| E               | 3.2       | NOM       |  |
| Р               | 4.6       | NOM       |  |

| Packaging Specifications |       |  |
|--------------------------|-------|--|
| Package Kind:            | T&R   |  |
| Package Size:            | 380mm |  |
| Package Quantity:        | 400   |  |

| General Information    |                                   |  |
|------------------------|-----------------------------------|--|
| Supplier:              | KEMET                             |  |
| Application:           | 105C Polymer                      |  |
| Part Type Description: | Surface Mount Polymer<br>Aluminum |  |
| Lead Type:             | V-Chip                            |  |
| RoHS:                  | Yes                               |  |

| Specifications          |                          |  |
|-------------------------|--------------------------|--|
| Capacitance:            | 1000 uF                  |  |
| Voltage:                | 16 VDC                   |  |
| Tolerance:              | +/-20%                   |  |
| Voltage:                | 18.4 VDC (Surge)         |  |
| Rated Temperature:      | 105C                     |  |
| Temperature Range:      | -55/+105C                |  |
| Life:                   | 2000 Hrs                 |  |
| Leakage Current:        | 3.2 mA                   |  |
| Leakage Condition:      | 2Min/20C                 |  |
| Impedance Ratio -25C:   | 1.25                     |  |
| Impedance Ratio -55C:   | 1.25                     |  |
| Resistance/ESR:         | 18 mOhms (100kHz 20C)    |  |
| Current/Ripple Current: | 4300 mAmps (100kHz 105C) |  |

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.

