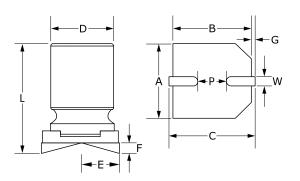
## KEMET Part Number: A765KN107M1ELAE024



## A765, Polymer Aluminum, 105C LowZ, 100 uF, 20%, 25 VDC, -55/+105C



| General Information |                                    |
|---------------------|------------------------------------|
| Supplier:           | KEMET                              |
| Series:             | A765                               |
| Dielectric:         | Polymer Aluminum                   |
| Style:              | SMD Can                            |
| Description:        | Surface Mount, Polymer<br>Aluminum |
| RoHS:               | Yes                                |
| Lead:               | V-Chip                             |

| Dimensions |                 |
|------------|-----------------|
| D          | 8mm +/-0.5mm    |
| L          | 9.7mm +/-0.3mm  |
| W          | 0.8 - 1.1mm     |
| F          | 0.2mm MAX       |
| Α          | 8.3mm +/-0.2mm  |
| В          | 8.3mm +/-0.2mm  |
| С          | 9mm +/-0.2mm    |
| E          | 2.9mm +/-0.2mm  |
| G          | 0.35mm +/-0.2mm |
| Р          | 3.2mm +/-0.2mm  |

| Specifications           |                          |
|--------------------------|--------------------------|
| Capacitance:             | 100 uF                   |
| Capacitance Tolerance:   | 20%                      |
| Voltage DC:              | 25 VDC, 28.7 VDC (Surge) |
| Temperature Range:       | -55/+105C                |
| Rated Temperature:       | 105C                     |
| Life:                    | 2000 Hrs                 |
| Resistance:              | 24 mOhms (100kHz 20C)    |
| Ripple Current:          | 3300 mAmps (100kHz 105C) |
| Leakage Current:         | 500 uA (2min 20C)        |
| Impedance Ratio at -25C: | 1.25                     |
| Impedance Ratio at -55C: | 1.25                     |
| High Temperature Solder: | No                       |

| Packaging Specifications |            |
|--------------------------|------------|
| Packaging:               | T&R, 380mm |
| Packaging Quantity:      | 500        |

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