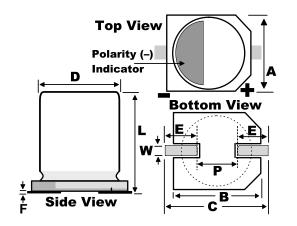
## KEMET Part Number: A765KN827M0JLAE010

(KCS6R3M821SMD8LA9.7)



## Polymer Aluminum, 105C LowZ, KEMET, A765, 820 uF, 20%, 6.3 V, -55/+105C



| Dimensions |                |
|------------|----------------|
| D          | 8mm +/-0.5mm   |
| L          | 9.7mm +/-0.3mm |
| W          | 0.8mm +0.3mm   |
| А          | 8.3mm +/-0.2mm |
| В          | 8.3mm +/-0.2mm |
| С          | 9mm +/-0.2mm   |
| E          | 2.9mm NOM      |
| Р          | 3.2mm NOM      |

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

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

| Specifications           |                          |  |
|--------------------------|--------------------------|--|
| Capacitance:             | 820 uF                   |  |
| Capacitance Tolerance:   | 20%                      |  |
| Voltage DC:              | 6.3 VDC, 7.2 VDC (Surge) |  |
| Temperature Range:       | -55/+105C                |  |
| Rated Temperature:       | 105C                     |  |
| Life:                    | 2000 Hrs                 |  |
| Resistance:              | 10 mOhms (100kHz 20C)    |  |
| Current:                 | 3350 mAmps (100kHz 105C) |  |
| Impedance Ratio at -25C: | 1.25                     |  |
| Impedance Ratio at -55C: | 1.25                     |  |

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