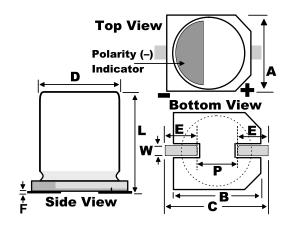
KEMET Part Number: A765KN827M0JLAE010

(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 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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