



Click [here](#) for the 3D model.

### Dimensions

|   |                 |
|---|-----------------|
| D | 8mm +/-0.5mm    |
| L | 9.7mm +/-0.3mm  |
| W | 0.8 - 1.1mm     |
| F | 0.2mm MAX       |
| A | 8.3mm +/-0.2mm  |
| B | 8.3mm +/-0.2mm  |
| C | 9mm +/-0.2mm    |
| G | 0.35mm +/-0.2mm |
| P | 3.2mm +/-0.2mm  |

### Packaging Specifications

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

### General Information

|              |                                 |
|--------------|---------------------------------|
| Series       | A765                            |
| Dielectric   | Polymer Aluminum                |
| Style        | SMD Can                         |
| Description  | Surface Mount, Polymer Aluminum |
| RoHS         | Yes                             |
| Lead         | V-Chip                          |
| AEC-Q200     | No                              |
| Halogen Free | Yes                             |

### Specifications

|                         |                          |
|-------------------------|--------------------------|
| Capacitance             | 82 uF                    |
| Capacitance Tolerance   | 20%                      |
| Voltage DC              | 25 VDC, 28.7 VDC (Surge) |
| Temperature Range       | -55/+105°C               |
| Rated Temperature       | 105°C                    |
| Life                    | 2000 Hrs                 |
| Resistance              | 29 mOhms (100kHz 20C)    |
| ESR/Impedance at 100kHz | 29 mOhms                 |
| Ripple Current          | 2700 mAmps (100kHz 105C) |
| Leakage Current         | 410 uA (2min 20°C)       |
| High Temperature Solder | Yes                      |