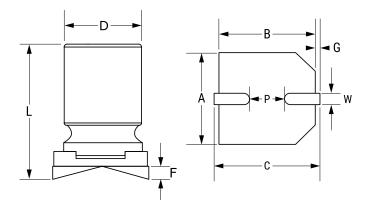


## A765KN158M0ELAE010

A765, Aluminum, Polymer Aluminum, 1,500 uF, 20%, 2.5 VDC, -55/+105°C



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

## 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       |
| Α          | 8.3mm +/-0.2mm  |
| В          | 8.3mm +/-0.2mm  |
| С          | 9mm +/-0.2mm    |
| G          | 0.35mm +/-0.2mm |
| Ρ          | 3.2mm +/-0.2mm  |

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

| Specifications          |                          |
|-------------------------|--------------------------|
| Capacitance             | 1,500 uF                 |
| Tolerance               | 20%                      |
| Voltage DC              | 2.5 VDC, 2.9 VDC (Surge) |
| Temperature Range       | -55/+105°C               |
| Rated Temperature       | 105°C                    |
| Life                    | 2000 Hrs                 |
| ESR                     | 10 mOhms (100kHz 20C)    |
| ESR                     | 10 mOhms                 |
| Ripple Current          | 3400 mAmps (100kHz 105C) |
| High Temperature Solder | Yes                      |
| Leakage Current         | 750 uA (2min 20°C)       |

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.