



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

#### General Information

|              |                                 |
|--------------|---------------------------------|
| Series       | A766                            |
| Dielectric   | Polymer Aluminum                |
| Style        | SMD Can                         |
| Description  | Surface Mount, Polymer Aluminum |
| RoHS         | Yes                             |
| Lead         | V-Chip                          |
| AEC-Q200     | No                              |
| Halogen Free | Yes                             |

#### Dimensions

|   |                 |
|---|-----------------|
| D | 8mm +/-0.5mm    |
| L | 6.7mm +/-0.3mm  |
| W | 0.5 - 0.8mm     |
| F | 0.2mm MAX       |
| A | 8.3mm +/-0.2mm  |
| B | 8.3mm +/-0.2mm  |
| C | 9mm +/-0.2mm    |
| G | 0.35mm +/-0.2mm |
| P | 3.1mm NOM       |

#### Packaging Specifications

|                    |            |
|--------------------|------------|
| Packaging          | T&R, 380mm |
| Packaging Quantity | 1000       |

#### Specifications

|                         |                          |
|-------------------------|--------------------------|
| Capacitance             | 47 uF                    |
| Tolerance               | 20%                      |
| Voltage DC              | 20 VDC, 23 VDC (Surge)   |
| Temperature Range       | -55/+105°C               |
| Rated Temperature       | 105°C                    |
| Life                    | 5000 Hrs                 |
| ESR                     | 45 mOhms (100kHz 20C)    |
| ESR                     | 45 mOhms                 |
| Ripple Current          | 1890 mAmps (100kHz 105C) |
| High Temperature Solder | Yes                      |
| Leakage Current         | 188 uA (2min 20°C)       |

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