



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

#### General Information

|             |                                      |
|-------------|--------------------------------------|
| Series      | EEV                                  |
| Dielectric  | Aluminum Electrolytic                |
| Style       | SMD Can                              |
| Description | Surface Mount, Aluminum Electrolytic |
| RoHS        | Yes                                  |
| Lead        | V-Chip                               |
| AEC-Q200    | No                                   |

#### Dimensions

|   |                 |
|---|-----------------|
| D | 8mm +/-0.5mm    |
| L | 10.2mm +/-0.3mm |
| W | 0.9mm +/-0.2mm  |
| F | 0.3mm MAX       |
| A | 8.3mm +/-0.2mm  |
| B | 8.3mm +/-0.2mm  |
| C | 10mm MAX        |
| E | 2.9mm +/-0.2mm  |
| G | 0.7mm +/-0.2mm  |
| P | 3.1mm +/-0.2mm  |

#### Packaging Specifications

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

#### Specifications

|                                 |   |
|---------------------------------|---|
| Capacitance                     | 470 uF  |
| Tolerance                       | 20%   |
| Voltage DC                      | 10 VDC, 13 VDC (Surge)                                  |
| Temperature Range               | -55/+105°C  |
| Rated Temperature               | 105°C   |
| Life                            | 2000 Hrs  |
| Dissipation Factor              | 19% 120Hz 20C   |
| ESR                             | 0.16 Ohms (100kHz 20C)                                  |
| ESR                             | 160 mOhms   |
| Ripple Current                  | 420 mAmps (120Hz), 480 mAmps (1kHz), 600 mAmps (100kHz) |
| Compare Ripple Current at 120Hz | 0.42  |
| High Temperature Solder         | Yes   |
| Leakage Current                 | 47 uA (2min 20°C)                                       |
| Impedance Ratio at -25C         | 2   |
| Impedance Ratio at -40C         | 3   |

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