



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

| 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          | 3.4mm +/-0.2mm  |
| G          | 0.7mm +/-0.2mm  |
| P          | 3.1mm +/-0.2mm  |

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

| General Information |                                      |
|---------------------|--------------------------------------|
| Series              | EEV                                  |
| Dielectric          | Aluminum Electrolytic                |
| Style               | SMD Can                              |
| Description         | Surface Mount, Aluminum Electrolytic |
| RoHS                | Yes                                  |
| Lead                | V-Chip                               |
| Qualifications      | AEC-Q200                             |
| AEC-Q200            | Yes                                  |

| Specifications          |  |
|-------------------------|--|
| Capacitance             | 470 uF   |
| Capacitance Tolerance   | 20%  |
| Voltage DC              | 6.3 VDC, 8 VDC (Surge)                                       |
| Temperature Range       | -55/+105°C   |
| Rated Temperature       | 105°C  |
| Life                    | 2000 Hrs   |
| Dissipation Factor      | 26% 120Hz 20C  |
| Resistance              | 0.16 Ohms (100kHz 20C)                                       |
| Ripple Current          | 420 mAmps (120Hz 105C), 480 mAmps (1kHz), 600 mAmps (100kHz) |
| Leakage Current         | 29.6 uA (2min 20°C)  |
| Impedance Ratio at -25C | 2  |
| Impedance Ratio at -40C | 3  |
| High Temperature Solder | Yes  |

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