



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

#### General Information

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

#### Dimensions

|   |                     |
|---|---------------------|
| D | 6.3mm +/-0.5mm      |
| L | 7.7mm +/-0.3mm      |
| W | 0.65mm +/-0.1mm     |
| F | 0.3mm MAX           |
| A | 6.6mm +/-0.2mm      |
| B | 6.6mm +/-0.2mm      |
| C | 7.8mm MAX           |
| E | 2.4mm +/-0.2mm      |
| G | 0.35mm +0.15/-0.2mm |
| P | 2.1mm +/-0.2mm      |

#### Packaging Specifications

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

#### Specifications

|                                 |  |
|---------------------------------|--|
| Capacitance                     | 47 uF  |
| Tolerance                       | 20%  |
| Voltage DC                      | 35 VDC, 44 VDC (Surge)                         |
| Temperature Range               | -55/+105°C                                     |
| Rated Temperature               | 105°C  |
| Life                            | 3000 Hrs                                       |
| Dissipation Factor              | 12%  |
| ESR                             | 0.34 Ohms (100kHz 20C)                         |
| ESR                             | 340 mOhms                                      |
| Ripple Current                  | 280 mAmps (100kHz 105C), 196 mAmps (120Hz 85C) |
| Compare Ripple Current at 120Hz | 0.196  |
| High Temperature Solder         | Yes  |
| Leakage Current                 | 16.5 uA (2min 20°C)                            |
| Impedance Ratio at -25C         | 2  |
| Impedance Ratio at -40C         | 3  |

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