



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                               |
| AEC-Q200    | No                                   |

#### 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                     | 150 uF   |
| Tolerance                       | 20%  |
| Voltage DC                      | 6.3 VDC, 8 VDC (Surge)                         |
| Temperature Range               | -55/+105°C                                     |
| Rated Temperature               | 105°C  |
| Life                            | 3000 Hrs                                       |
| Dissipation Factor              | 26%  |
| ESR                             | 0.3 Ohms (100kHz 20C)                          |
| ESR                             | 300 mOhms                                      |
| Ripple Current                  | 240 mAmps (100kHz 105C), 168 mAmps (120Hz 85C) |
| Compare Ripple Current at 120Hz | 0.168  |
| High Temperature Solder         | Yes  |
| Leakage Current                 | 9.5 uA (2min 20°C)                             |
| Impedance Ratio at -25C         | 2  |
| Impedance Ratio at -40C         | 3  |

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