



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                               |

**Dimensions**

|   |                 |
|---|-----------------|
| D | 10mm +/-0.5mm   |
| L | 10.2mm +/-0.3mm |
| W | 0.9mm +/-0.2mm  |
| F | 0.3mm MAX       |
| A | 10.3mm +/-0.2mm |
| B | 10.3mm +/-0.2mm |
| C | 13mm MAX        |
| E | 3.2mm +/-0.2mm  |
| G | 0.7mm +/-0.2mm  |
| P | 4.6mm +/-0.2mm  |

**Packaging Specifications**

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

**Specifications**

|                                 |  |
|---------------------------------|--|
| Capacitance                     | 47 uF  |
| Tolerance                       | 20%  |
| Voltage DC                      | 50 VDC, 63 VDC (Surge)                         |
| Temperature Range               | -55/+105°C                                     |
| Rated Temperature               | 105°C  |
| Life                            | 5000 Hrs                                       |
| Dissipation Factor              | 12%  |
| ESR                             | 0.34 Ohms (100kHz 20C)                         |
| Ripple Current                  | 670 mAmps (100kHz 105C), 469 mAmps (120Hz 85C) |
| Compare Ripple Current at 120Hz | 0.469  |
| High Temperature Solder         | Yes  |
| Leakage Current                 | 23.5 uA (2min 20°C)                            |
| Impedance Ratio at -25C         | 2  |
| Impedance Ratio at -40C         | 3  |

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