



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

General Information

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|----------------|--------------------------------------|
| 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 | 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

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

Specifications

| | |
|---------------------------------|--|
| Capacitance | 680 uF |
| Tolerance | 20% |
| Voltage DC | 10 VDC, 13 VDC (Surge) |
| Temperature Range | -55/+105°C |
| Rated Temperature | 105°C |
| Life | 5000 Hrs |
| Dissipation Factor | 19% |
| ESR | 0.12 Ohms (100kHz 20C) |
| ESR | 120 mOhms |
| Ripple Current | 850 mAmps (100kHz 105C), 595 mAmps (120Hz 85C) |
| Compare Ripple Current at 120Hz | 0.595 |
| High Temperature Solder | Yes |
| Leakage Current | 68 uA (2min 20°C) |
| Impedance Ratio at -25C | 2 |
| Impedance Ratio at -40C | 3 |

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