



Click here for the 3D model.

| Dimensions |                 |
|------------|-----------------|
| D          | 10mm +/-0.5mm   |
| L          | 10.2mm +/-0.3mm |
| W          | 0.9mm +/-0.2mm  |
| F          | 0.3mm MAX       |
| А          | 10.3mm +/-0.2mm |
| В          | 10.3mm +/-0.2mm |
| С          | 13mm MAX        |
| E          | 3.5mm +/-0.2mm  |
| G          | 0.7mm +/-0.2mm  |
| Р          | 4.6mm +/-0.2mm  |
|            |                 |

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

| 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                                  |  |

| Specifications             |  |
|----------------------------|--|
| Capacitance                | 470 uF   |
| Capacitance<br>Tolerance   | 20%  |
| Voltage DC                 | 10 VDC, 13 VDC (Surge)   |
| Temperature Range          | -55/+105°C   |
| Rated Temperature          | 105°C  |
| Life                       | 5000 Hrs   |
| <b>Dissipation Factor</b>  | 19%  |
| Resistance                 | 0.12 Ohms (100kHz)   |
| Ripple Current             | 595 mAmps (120Hz), 1190 mAmps (120Hz<br>85C), 850 mAmps (100kHz) |
| Leakage Current            | 47 uA (2min 20°C)  |
| Impedance Ratio at<br>-25C | 2  |
| Impedance Ratio at<br>-40C | 3  |
| High Temperature<br>Solder | Yes  |

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