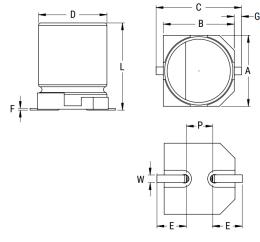


## EEV476M016S9GAA

EEV, Aluminum, Aluminum Electrolytic, 47 uF, 20%, 16 VDC, -55/+105°C



| General Information |   |
|---------------------|---|
| Series              | EEV                                     |
| Dielectric          | Aluminum Electrolytic                   |
| Style               | SMD Can                                 |
| Description         | Surface Mount, Aluminum<br>Electrolytic |
| RoHS                | Yes                                     |
| Lead                | V-Chip                                  |
| Qualifications      | AEC-Q200                                |
| AEC-Q200            | Yes                                     |

Specifications 47 uF Capacitance Tolerance 20% 16 VDC, 20 VDC (Surge) Voltage DC -55/+105°C **Temperature Range Rated Temperature** 105°C Life 2000 Hrs **Dissipation Factor** 16% 120Hz 20C ESR 0.52 Ohms (100kHz 20C) ESR 520 mOhms 168 mAmps (120Hz), 192 mAmps (1kHz), 240 mAmps (100kHz) **Ripple Current** Compare Ripple Current at 0.168 120Hz High Temperature Solder Yes 7.5 uA (2min 20°C) Leakage Current Impedance Ratio at -25C 2 3 Impedance Ratio at -40C

Click here for the 3D model.

| 6.3mm +/-0.5mm      |
|---------------------|
| 5.4mm -3mm          |
| 0.65mm +/-0.1mm     |
| 0.3mm MAX           |
| 6.6mm +/-0.2mm      |
| 6.6mm +/-0.2mm      |
| 7.8mm MAX           |
| 2.4mm +/-0.2mm      |
| 0.35mm +0.15/-0.2mm |
| 2.1mm +/-0.2mm      |
|                     |

## **Packaging Specifications**

Packaging

T&R, 380mm

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