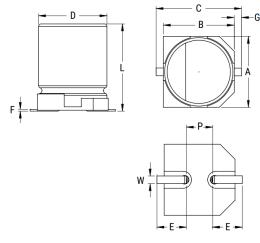


EEV107M016S9GAA

EEV, Aluminum Electrolytic, 100 uF, 20%, 16 VDC, -55/+105°C



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

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

Click here for the 3D model.

| Dimensions | |
|------------|---------------------|
| D | 6.3mm +/-0.5mm |
| L | 5.4mm -3mm |
| W | 0.65mm +/-0.1mm |
| F | 0.3mm MAX |
| Α | 6.6mm +/-0.2mm |
| В | 6.6mm +/-0.2mm |
| С | 7.8mm MAX |
| E | 2.4mm +/-0.2mm |
| G | 0.35mm +0.15/-0.2mm |
| Р | 2.1mm +/-0.2mm |
| Ρ | · |

Packaging Specifications

Packaging

T&R, 380mm

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute – and we specifically disclaim – any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.