



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

#### General Information

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

#### Specifications

|                                 |                        |
|---------------------------------|------------------------|
| Capacitance                     | 47 uF                  |
| Capacitance Tolerance           | 20%                    |
| Voltage DC                      | 50 VDC, 63 VDC (Surge) |
| Temperature Range               | -40/+105°C             |
| Rated Temperature               | 105°C                  |
| Life                            | 2000 Hrs               |
| Dissipation Factor              | 12% 120Hz 20C          |
| Ripple Current                  | 110 mAmps (120Hz 105C) |
| Compare Ripple Current at 120Hz | 0.11                   |
| Leakage Current                 | 23.5 uA (2min 20°C)    |
| Impedance Ratio at -25C         | 2                      |
| Impedance Ratio at -40C         | 3                      |
| High Temperature Solder         | true                   |

#### Dimensions

|   |                     |
|---|---------------------|
| D | 6.3mm +/-0.5mm      |
| L | 7.7mm +/-0.3mm      |
| W | 0.65mm +/-0.1mm     |
| F | 0.3mm MAX           |
| A | 6.6mm +/-0.2mm      |
| B | 6.6mm +/-0.2mm      |
| C | 7.8mm MAX           |
| E | 2.6mm +/-0.2mm      |
| G | 0.35mm +0.15/-0.2mm |
| P | 1.8mm +/-0.2mm      |

#### Packaging Specifications

|           |     |
|-----------|-----|
| Packaging | T&R |
|-----------|-----|