



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

### Dimensions

|    |                    |
|----|--------------------|
| L  | 31.5mm +0.5/-0.7mm |
| H  | 37mm +0.2/-0.7mm   |
| T  | 22mm +0.3/-0.7mm   |
| S  | 27.5mm +/-0.4mm    |
| LL | 6mm -2mm           |
| F  | 0.8mm NOM          |
| G  | 0.5mm NOM          |

### Packaging Specifications

|           |           |
|-----------|-----------|
| Packaging | Bulk, Box |
|-----------|-----------|

### General Information

|                          |   |
|--------------------------|---|
| Series                   | C4AE  |
| Dielectric               | Metallized Polypropylene                              |
| Style                    | Radial  |
| RoHS                     | Yes   |
| Termination              | Tin   |
| Lead                     | Wire Leads  |
| AEC-Q200                 | No  |
| Typical Component Weight | 31.1 g  |
| Miscellaneous            | Thermal Resistance = 23 C/W.                          |
| Notes                    | Not for new design - the replacement series is: C4AQ. |

### Specifications

|                       |                                      |
|-----------------------|--------------------------------------|
| Capacitance           | 20 uF                                |
| Capacitance Tolerance | 5%                                   |
| Voltage DC            | 450 VDC                              |
| Temperature Range     | -40/+85°C                            |
| Rated Temperature     | 85°C                                 |
| Insulation Resistance | 1.5 GOhms                            |
| Max dV/dt             | 15 V/us                              |
| ESR                   | 4.8 mOhms (10kHz 70C)                |
| Ripple Current        | 11 Amps (10kHz 70C), 303 Amps (Peak) |
| Inductance            | 28 nH                                |