



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

Dimensions

| | |
|----|--------------------|
| L | 31.5mm +0.5/-0.7mm |
| H | 25mm +0.2/-0.7mm |
| T | 13mm +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 | 16 g |
| Miscellaneous | Thermal Resistance = 36 C/W. |
| Notes | Not for new design - the replacement series is: C4AQ. |

Specifications

| | |
|-----------------------|-------------------------------------|
| Capacitance | 6.8 uF |
| Capacitance Tolerance | 5% |
| Voltage DC | 450 VDC |
| Temperature Range | -40/+85°C |
| Rated Temperature | 85°C |
| Insulation Resistance | 4.41 GOhms |
| Max dV/dt | 15 V/us |
| ESR | 10 mOhms (10kHz 70C) |
| Ripple Current | 6 Amps (10kHz 70C), 101 Amps (Peak) |
| Inductance | 25 nH |