

C4AE, Film, Metallized Polypropylene, DC Link, 4.5 uF, 5%, 450 VDC, 70°C, Lead Spacing = 27.5mm



#### Dimensions

|    |                    |
|----|--------------------|
| L  | 31.5mm +0.5/-0.7mm |
| H  | 20mm +0.2/-0.7mm   |
| T  | 11mm +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  |
| Component Weight: | 7.8 g   |
| Miscellaneous:    | Thermal Resistance = 44 C/W.                          |
| Notes:            | Not for new design – the replacement series is: C4AQ. |

#### Specifications

|                        |                                      |
|------------------------|--------------------------------------|
| Capacitance:           | 4.5 uF                               |
| Capacitance Tolerance: | 5%                                   |
| Voltage DC:            | 450 VDC                              |
| Temperature Range:     | -40/+85°C                            |
| Rated Temperature:     | 70°C                                 |
| Insulation Resistance: | 6.67 GOhms                           |
| Max dV/dt:             | 14 V/us                              |
| Resistance:            | 14.2 mOhms (10kHz 70C)               |
| Ripple Current:        | 4.5 Amps (10kHz 70C), 65 Amps (Peak) |
| Inductance:            | 25 nH                                |