

C4AEGBW5500A3LJ

Not for New Design

C4AE, Film, Metallized Polypropylene, DC Link, 50 uF, 5%, 450 VDC, 85°C,
Lead Spacing = 37.5mm



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

Dimensions

| | |
|----|------------------|
| L | 42mm +0.6/-0.7mm |
| H | 45mm +0.2/-0.7mm |
| T | 30mm +0.4/-0.7mm |
| S | 37.5mm +/-0.4mm |
| S1 | 20.3mm +/-0.4mm |
| LL | 6mm -2mm |
| F | 1.2mm NOM |
| G | 0.5mm NOM |

Packaging Specifications

Packaging

Bulk, Box

General Information

| | |
|------------------|---|
| Series | C4AE |
| Dielectric | Metallized Polypropylene |
| Style | Radial |
| RoHS | Yes |
| Termination | Tin |
| Lead | 4 Wire Leads |
| AEC-Q200 | No |
| Component Weight | 67.8 g |
| Miscellaneous | Thermal Resistance = 15 C/W. |
| Notes | Not for new design – the replacement series is: C4AQ. |

Specifications

| | |
|-----------------------|--------------------------------------|
| Capacitance | 50 uF |
| Capacitance Tolerance | 5% |
| Voltage DC | 450 VDC |
| Temperature Range | -40/+85°C |
| Rated Temperature | 85°C |
| Insulation Resistance | 600 MOhms |
| Max dV/dt | 10 V/us |
| Resistance | 2.5 mOhms (10kHz 70C) |
| Ripple Current | 18 Amps (10kHz 70C), 508 Amps (Peak) |
| Inductance | 30 nH |