



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

General Information

| | |
|--------------------------|------------------------------|
| Series | C4AE |
| Dielectric | Metallized Polypropylene |
| Style | Radial |
| RoHS | Yes |
| Lead | 4 Wire Leads |
| AEC-Q200 | No |
| Typical Component Weight | 52.9 g |
| Miscellaneous | Thermal Resistance = 17 C/W. |

Specifications

| | |
|-----------------------|---|
| Capacitance | 55 uF |
| Tolerance | 10% |
| Voltage DC | 450 VDC |
| Temperature Range | -40/+85°C |
| Rated Temperature | 85°C |
| Insulation Resistance | 550 MOhms |
| Max dV/dt | 9 V/us |
| ESR | 2.6 mOhms (10kHz 70C) |
| Ripple Current | 17 Amps Irms (10kHz 70C), 481 Amps Ipkr |
| Inductance | 30 nH |

Dimensions

| | |
|----|------------------|
| L | 42mm +0.6/-0.7mm |
| H | 44mm +0.2/-0.7mm |
| T | 24mm +0.4/-0.7mm |
| S | 37.5mm NOM |
| S1 | 10.2mm NOM |

Packaging Specifications

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