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### Dimensions

|    |                 |
|----|-----------------|
| L  | 42mm +/-1mm     |
| H  | 48mm +/-1mm     |
| T  | 33mm +/-1mm     |
| S  | 37.5mm +/-0.4mm |
| S1 | 20.3mm +/-0.4mm |
| LL | 6mm -2mm        |
| F  | 1.2mm +/-0.05mm |

### Packaging Specifications

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Box |
| Packaging Quantity | 30        |

### General Information

|                  |                                      |
|------------------|--------------------------------------|
| Series           | C4AU                                 |
| Dielectric       | Metallized Polypropylene             |
| Style            | Radial                               |
| Features         | DC Filtering                         |
| RoHS             | Yes                                  |
| Lead             | 4 Wire Leads                         |
| Qualifications   | AEC-Q200, IEC61071, EN61071, VDE0560 |
| AEC-Q200         | Yes                                  |
| Component Weight | 93.5 g                               |
| Miscellaneous    | Rth = 14 C/W.                        |

### Specifications

|                       |   |
|-----------------------|---|
| Capacitance           | 45 uF                                     |
| Capacitance Tolerance | 5%  |
| Voltage DC            | 700 VDC                                   |
| Temperature Range     | -55/+105°C                                |
| Insulation Resistance | 670 MOhms                                 |
| Max dV/dt             | 30 V/us                                   |
| Resistance            | 2.5 mOhms (10kHz 70C)                     |
| Ripple Current        | 27.6 Amps Irms (10kHz 95C), 1350 Amps Ipk |
| Inductance            | 14 nH                                     |

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