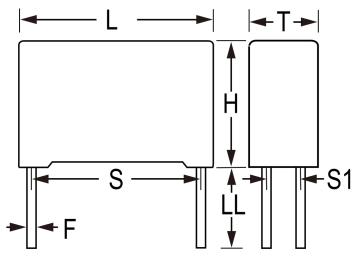


C4AQQLW5100A36J

C4AQ, Film, Metallized Polypropylene, Automotive DC Link, 10 uF, 5%, 1100 VDC, 70°C, Lead Spacing = 37.5mm



Click here for the 3D model.

| Dimensions |                  |
|------------|------------------|
| L          | 42mm +0.6/-0.7mm |
| Н          | 24mm +0.2/-0.7mm |
| Т          | 35mm +0.4/-0.7mm |
| S          | 37.5mm +/-0.4mm  |
| S1         | 20.3mm +/-0.4mm  |
| LL         | 6mm +0/-2mm      |
| F          | 1.2mm +/-0.05mm  |

| General Information |                                      |
|---------------------|--------------------------------------|
| Series              | C4AQ                                 |
| Dielectric          | Metallized Polypropylene             |
| Style               | Radial                               |
| RoHS                | Yes                                  |
| Lead                | 4 Wire Leads                         |
| Qualifications      | AEC-Q200, IEC61071, EN61071, VDE0560 |
| AEC-Q200            | Yes                                  |
| Component Weight    | 52.3 g                               |
| Miscellaneous       | Rth = 23 C/W.                        |

| Specifications        |   |  |  |  |
|-----------------------|---|--|--|--|
| Capacitance           | 10 uF                                     |  |  |  |
| Capacitance Tolerance | 5%  |  |  |  |
| Voltage DC            | 1100 VDC                                  |  |  |  |
| Temperature Range     | -55/+105°C                                |  |  |  |
| Rated Temperature     | 70°C                                      |  |  |  |
| Insulation Resistance | 3 GOhms                                   |  |  |  |
| Max dV/dt             | 16 V/us                                   |  |  |  |
| Resistance            | 7.4 mOhms (10kHz 70C)                     |  |  |  |
| Ripple Current        | 12.5 Amps Irms (10kHz 70C), 163 Amps Ipkr |  |  |  |
| Inductance            | 9 nH                                      |  |  |  |

## Packaging Specifications

| Packaging          | Bulk, Box |
|--------------------|-----------|
| Packaging Quantity | 60        |

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