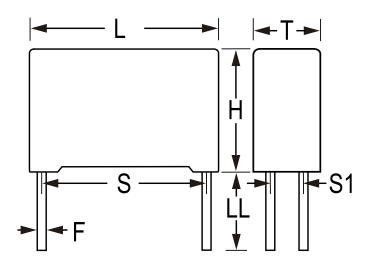




C4AQ-P, Film, Metallized Polypropylene, Automotive DC Link, 10 uF, 5%, 1,100 VDC, 37.5 mm



| Click here for the 3D mode |
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| General Information      |   |
|--------------------------|---|
| Series                   | C4AQ-P                                  |
| Dielectric               | Metallized Polypropylene                |
| Style                    | Radial                                  |
| Features                 | DC Filtering                            |
| RoHS                     | Yes                                     |
| Lead                     | 4 Wire Leads                            |
| Qualifications           | AEC-Q200, IEC61071, EN61071,<br>VDE0560 |
| AEC-Q200                 | Yes                                     |
| Typical Component Weight | 63.2 g                                  |
| Miscellaneous            | Rth = 18 C/W.                           |

| Dimensions |                  |
|------------|------------------|
| L          | 42mm +0.6/-0.7mm |
| Н          | 37mm +0.2/-0.7mm |
| Т          | 28mm +0.4/-0.7mm |
| S          | 37.5mm +/-0.4mm  |
| S1         | 10.2mm +/-0.4mm  |
| LL         | 6mm -2mm         |
| F          | 1.2mm +/-0.05mm  |

| Packaging Specifications |           |
|--------------------------|-----------|
| Packaging                | Bulk, Box |
| Packaging Quantity       | 36        |

| - 15                  |  |
|-----------------------|--|
| Specifications        |  |
| Capacitance           | 10 uF                                      |
| Tolerance             | 5%   |
| Voltage DC            | 1100 VDC                                   |
| Temperature Range     | -55/+125°C                                 |
| Insulation Resistance | 3 GOhms                                    |
| Max dV/dt             | 40 V/us                                    |
| ESR                   | 6.93 mOhms (10kHz 70C)                     |
| Ripple Current        | 15 Amps Irms (10kHz 75C), 400<br>Amps Ipkr |
| Inductance            | 10 nH                                      |

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