



C4AQ-P, Film, Metallized Polypropylene, Automotive DC Link, 1 uF, 5%, 1,100 VDC, 27.5 mm



| General Information      |   |
|--------------------------|---|
| Series                   | C4AQ-P                                  |
| Dielectric               | Metallized Polypropylene                |
| Style                    | Radial                                  |
| Features                 | DC Filtering                            |
| RoHS                     | Yes                                     |
| Lead                     | Wire Leads                              |
| Qualifications           | AEC-Q200, IEC61071, EN61071,<br>VDE0560 |
| AEC-Q200                 | Yes                                     |
| Typical Component Weight | 13.4 g                                  |
| Miscellaneous            | Rth = 46 C/W.                           |

Click here for the 3D model.

| Dimensions |                    |
|------------|--------------------|
| L          | 32mm +0.5/-0.7mm   |
| Н          | 12.5mm +0.2/-0.7mm |
| Т          | 21mm +0.3/-0.7mm   |
| S          | 27.5mm +/-0.4mm    |
| LL         | 6mm -2mm           |
| F          | 0.8mm +/-0.05mm    |

| Packaging Specifications |           |
|--------------------------|-----------|
| Packaging                | Bulk, Box |
| Packaging Quantity       | 192       |

| Specifications        |  |
|-----------------------|--|
| Capacitance           | 1uF  |
| Tolerance             | 5%   |
| Voltage DC            | 1100 VDC                                   |
| Temperature Range     | -55/+125°C                                 |
| Insulation Resistance | 30 GOhms                                   |
| Max dV/dt             | 80 V/us                                    |
| ESR                   | 36.19 mOhms (10kHz 70C)                    |
| Ripple Current        | 4.2 Amps Irms (10kHz 75C), 80<br>Amps Ipkr |
| Inductance            | 10.9 nH                                    |

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