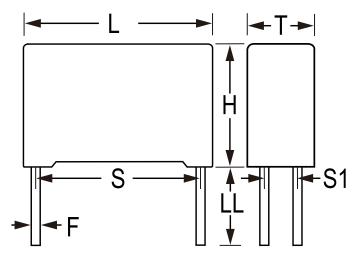




C4AQ-M, Film, Metallized Polypropylene, Automotive DC Link, 15 uF, 5%, 1,000 VDC, 85°C, 37.5 mm



| General Information      |   |
|--------------------------|---|
| Series                   | C4AQ-M                                  |
| Dielectric               | Metallized Polypropylene                |
| Style                    | Radial                                  |
| RoHS                     | Yes                                     |
| Lead                     | 4 Wire Leads                            |
| Qualifications           | AEC-Q200, IEC61071, EN61071,<br>VDE0560 |
| AEC-Q200                 | Yes                                     |
| Typical Component Weight | 63.5 g                                  |
| Miscellaneous            | Rth = 19 C/W.                           |

Click here for the 3D model.

| Dimensions |                  |
|------------|------------------|
| L          | 42mm +0.6/-0.7mm |
| н          | 25mm +0.2/-0.7mm |
| Т          | 43mm +0.4/-0.7mm |
| S          | 37.5mm +/-0.4mm  |
| S1         | 20.3mm +/-0.4mm  |
| LL         | 6mm +0/-2mm      |
| F          | 1.2mm +/-0.05mm  |

## Packaging Specifications

| Packaging          | Bulk, Box |
|--------------------|-----------|
| Packaging Quantity | 48        |

| Specifications        |  |
|-----------------------|--|
| Capacitance           | 15 uF  |
| Tolerance             | 5%   |
| Voltage DC            | 1000 VDC                                     |
| Temperature Range     | -55/+105°C                                   |
| Rated Temperature     | 85°C   |
| Insulation Resistance | 2 GOhms                                      |
| Max dV/dt             | 37 V/us                                      |
| ESR                   | 5 mOhms (10kHz 70C)                          |
| Ripple Current        | 16.5 Amps Irms (10kHz 70C), 555<br>Amps Ipkr |
| Inductance            | 9 nH   |

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