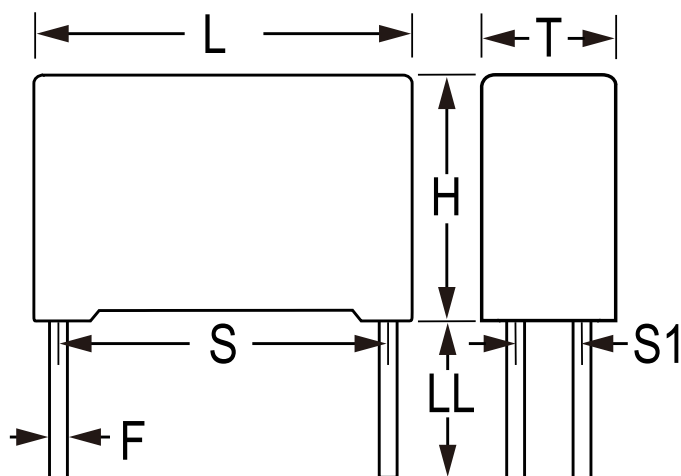


## C4AQPLW5100M38J

C4AQ-M, Film, Metallized Polypropylene, Automotive DC Link, 10 uF, 5%, 1,200 VDC, 85°C, 37.5 mm



Click [here](#) for the 3D model.

### General Information

|                          |                                      |
|--------------------------|--------------------------------------|
| Series                   | C4AQ-M                               |
| Dielectric               | Metallized Polypropylene             |
| Style                    | Radial                               |
| RoHS                     | Yes                                  |
| Lead                     | 4 Wire Leads                         |
| Qualifications           | AEC-Q200, IEC61071, EN61071, VDE0560 |
| Typical Component Weight | 63.6 g                               |
| Miscellaneous            | Rth = 19 C/W.                        |

### Specifications

|                       |                                          |
|-----------------------|------------------------------------------|
| Capacitance           | 10 uF                                    |
| Tolerance             | 5%                                       |
| Voltage DC            | 1200 VDC                                 |
| Temperature Range     | -55/+105°C                               |
| Rated Temperature     | 85°C                                     |
| Insulation Resistance | 3 GOhms                                  |
| Max dV/dt             | 45 V/us                                  |
| ESR                   | 6.1 mOhms (10kHz 70C)                    |
| Ripple Current        | 14.9 Amps Irms (10kHz 70C), 450 Amps Ipk |
| Inductance            | 9 nH                                     |

### Dimensions

|    |                  |
|----|------------------|
| L  | 42mm +0.6/-0.7mm |
| H  | 25mm +0.2/-0.7mm |
| T  | 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        |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.