

## C4AQJLW4750M34J

C4AQ-M, Film, Metallized Polypropylene, Automotive DC Link, 7.5 uF, 5%, 700 VDC, 85°C, Lead Spacing = 37.5mm



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

### Dimensions

|    |                    |
|----|--------------------|
| L  | 41.5mm +0.6/-0.7mm |
| H  | 15mm +0.2/-0.7mm   |
| T  | 24mm +0.4/-0.7mm   |
| S  | 37.5mm +/-0.4mm    |
| S1 | 10.2mm +/-0.4mm    |
| LL | 6mm +0/-2mm        |
| F  | 1.2mm +/-0.05mm    |

### Packaging Specifications

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Box |
| Packaging Quantity | 132       |

### General Information

|                |                                      |
|----------------|--------------------------------------|
| Series         | C4AQ-M                               |
| Dielectric     | Metallized Polypropylene             |
| Style          | Radial                               |
| RoHS           | Yes                                  |
| Lead           | 4 Wire Leads                         |
| Qualifications | AEC-Q200, IEC61071, EN61071, VDE0560 |
| AEC-Q200       | Yes                                  |
| Miscellaneous  | Rth = 33 C/W.                        |

### Specifications

|                       |   |
|-----------------------|---|
| Capacitance           | 7.5 uF                                  |
| Capacitance Tolerance | 5%                                      |
| Voltage DC            | 700 VDC                                 |
| Temperature Range     | -55/+105°C                              |
| Rated Temperature     | 85°C                                    |
| Dissipation Factor    | 0.02% (10 kHz 25C)                      |
| Insulation Resistance | 4 GOhms                                 |
| Max dV/dt             | 30 V/us                                 |
| Resistance            | 13.8 mOhms (10kHz 70C)                  |
| Ripple Current        | 7.6 Amps Irms (10kHz 70C), 225 Amps Ipk |
| Inductance            | 7 nH                                    |