

## C4AQJBU5150M12J

C4AQ-M, Film, Metallized Polypropylene, Automotive DC Link, 15 uF, 5%, 700 VDC, 85°C, Lead Spacing = 27.5mm



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

### Dimensions

|    |                    |
|----|--------------------|
| L  | 31.5mm +0.5/-0.7mm |
| H  | 37mm +0.2/-0.7mm   |
| T  | 22mm +0.3/-0.7mm   |
| S  | 27.5mm +/-0.4mm    |
| LL | 6mm +0/-2mm        |
| F  | 0.8mm +/-0.05mm    |

### Packaging Specifications

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Box |
| Packaging Quantity | 64        |

### General Information

|                |                                      |
|----------------|--------------------------------------|
| Series         | C4AQ-M                               |
| Dielectric     | Metallized Polypropylene             |
| Style          | Radial                               |
| RoHS           | Yes                                  |
| Lead           | Wire Leads                           |
| Qualifications | AEC-Q200, IEC61071, EN61071, VDE0560 |
| AEC-Q200       | Yes                                  |
| Miscellaneous  | Rth = 23 C/W.                        |

### Specifications

|                       |  |
|-----------------------|--|
| Capacitance           | 15 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 | 2 GOhms                                  |
| Max dV/dt             | 65 V/us                                  |
| Resistance            | 5.3 mOhms (10kHz 70C)                    |
| Ripple Current        | 14.6 Amps Irms (10kHz 70C), 975 Amps Ipk |
| Inductance            | 28 nH                                    |

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