

## C4AQPLU4110M11J

C4AQ-M, Film, Metallized Polypropylene, Automotive DC Link, 1.1 uF, 5%, 1200 VDC, 85°C, Lead Spacing = 27.5mm



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 +0/-2mm        |  |
| F          | 0.8mm +/-0.05mm    |  |

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

| General Information |                                      |  |
|---------------------|--------------------------------------|--|
| Series              | C4AQ-M                               |  |
| Dielectric          | Metallized Polypropylene             |  |
| Style               | Radial                               |  |
| RoHS                | Yes                                  |  |
| Lead                | Wire Leads                           |  |
| Qualifications      | AEC-Q200, IEC61071, EN61071, VDE0560 |  |
| AEC-Q200            | Yes                                  |  |
| Component Weight    | 13.4 g                               |  |
| Miscellaneous       | Rth = 46 C/W.                        |  |

| Specifications        |   |  |  |
|-----------------------|---|--|--|
| Capacitance           | 1.1 uF                                  |  |  |
| Capacitance Tolerance | 5%                                      |  |  |
| Voltage DC            | 1200 VDC                                |  |  |
| Temperature Range     | -55/+105°C                              |  |  |
| Rated Temperature     | 85°C                                    |  |  |
| Insulation Resistance | 27.3 GOhms                              |  |  |
| Max dV/dt             | 90 V/us                                 |  |  |
| Resistance            | 28.9 mOhms (10kHz 70C)                  |  |  |
| Ripple Current        | 4.4 Amps Irms (10kHz 70C), 99 Amps Ipkr |  |  |
| Inductance            | 11 nH                                   |  |  |

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