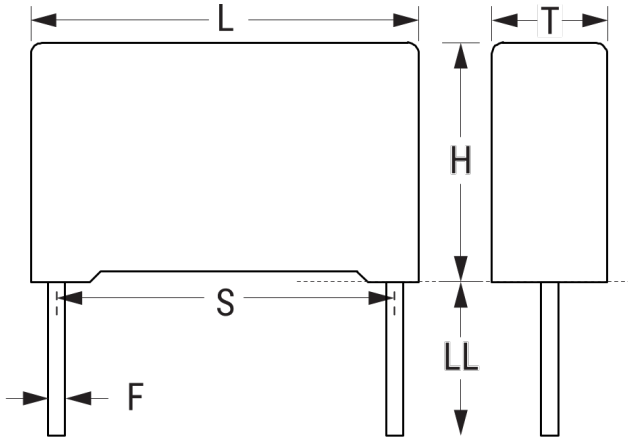


## C4AQNBU4270M1XJ

C4AQ M, Film, Metallized Polypropylene, Automotive DC Link, 2.7 uF, 5%, 1000 VDC, 85°C, Lead Spacing = 27.5mm



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

### Dimensions

|    |                    |
|----|--------------------|
| L  | 31.5mm +0.5/-0.7mm |
| H  | 25mm +0.2/-0.7mm   |
| T  | 13mm +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 | 234       |

### 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 = 36 C/W.                        |

### Specifications

|                       |   |
|-----------------------|---|
| Capacitance           | 2.7 uF                                  |
| Capacitance Tolerance | 5%                                      |
| Voltage DC            | 1000 VDC                                |
| Temperature Range     | -55/+105°C                              |
| Rated Temperature     | 85°C                                    |
| Dissipation Factor    | 0.02% (10 kHz 25C)                      |
| Insulation Resistance | 11.1 MOhms                              |
| Max dV/dt             | 75 V/us                                 |
| Resistance            | 15.3 mOhms (10kHz 70C)                  |
| Ripple Current        | 6.9 Amps Irms (10kHz 70C), 203 Amps Ipk |
| Inductance            | 22 nH                                   |