

## C4AQQBU4220M1XJ

C4AQ-M, Film, Metallized Polypropylene, Automotive DC Link, 2.2 uF, 5%, 1100 VDC, 85°C, Lead Spacing = 27.5mm



Click here for the 3D model.

| Dimensions |                    |
|------------|--------------------|
| L          | 31.5mm +0.5/-0.7mm |
| Н          | 25mm +0.2/-0.7mm   |
| Т          | 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                                  |  |
| Component Weight    | 15.8 g                               |  |
| Miscellaneous       | Rth = 36 C/W.                        |  |

| Specifications        |  |
|-----------------------|--|
| Capacitance           | 2.2 uF                                   |
| Capacitance Tolerance | 5%                                       |
| Voltage DC            | 1100 VDC                                 |
| Temperature Range     | -55/+105°C                               |
| Rated Temperature     | 85°C                                     |
| Insulation Resistance | 13.6 GOhms                               |
| Max dV/dt             | 80 V/us                                  |
| Resistance            | 17.1 mOhms (10kHz 70C)                   |
| Ripple Current        | 6.5 Amps Irms (10kHz 70C), 176 Amps Ipkr |
| Inductance            | 22 nH                                    |

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