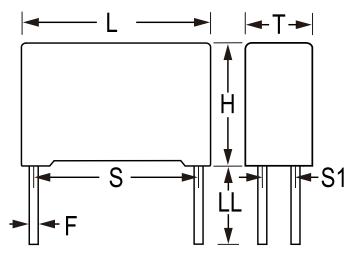


C4AQUBW5250A3NJ

C4AQ, Film, Metallized Polypropylene, Automotive DC Link, 25 uF, 5%, 1,300 VDC, 70°C, 52.5 mm



| General Information      |   |
|--------------------------|---|
| Series                   | C4AQ                                    |
| Dielectric               | Metallized Polypropylene                |
| Style                    | Radial                                  |
| RoHS                     | Yes                                     |
| Lead                     | 4 Wire Leads                            |
| Qualifications           | AEC-Q200, IEC61071, EN61071,<br>VDE0560 |
| AEC-Q200                 | Yes                                     |
| Typical Component Weight | 119.5 g                                 |
| Miscellaneous            | Rth = 10 C/W.                           |

Click here for the 3D model.

| Dimensions |                    |
|------------|--------------------|
| L          | 57.5mm +0.8/-0.7mm |
| н          | 50mm +0.3/-0.7mm   |
| Т          | 35mm +0.5/-0.7mm   |
| S          | 52.5mm +/-0.4mm    |
| S1         | 20.3mm +/-0.4mm    |
| LL         | 6mm +0/-2mm        |
| F          | 1.2mm +/-0.05mm    |

## **Packaging Specifications**

| Packaging          | Bulk, Box |
|--------------------|-----------|
| Packaging Quantity | 23        |

| Specifications        |  |
|-----------------------|--|
| Capacitance           | 25 uF                                      |
| Tolerance             | 5%   |
| Voltage DC            | 1300 VDC                                   |
| Temperature Range     | -55/+105°C                                 |
| Rated Temperature     | 70°C                                       |
| Insulation Resistance | 1.2 GOhms                                  |
| Max dV/dt             | 13 V/us                                    |
| ESR                   | 5.2 mOhms (10kHz 70C)                      |
| Ripple Current        | 22 Amps Irms (10kHz 70C), 331<br>Amps Ipkr |
| Inductance            | 15 nH                                      |

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