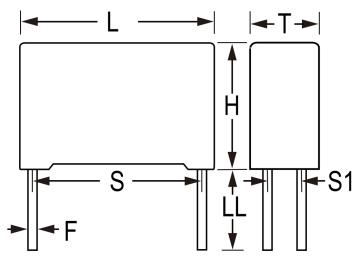


C4AKOBW5200A3LJ

**General Information** 

Miscellaneous

C4AK, Film, Metallized Polypropylene, Automotive DC Link, 20 uF, 5%, 900 VDC, Lead Spacing = 37.5mm



Click here for the 3D model.

| Dimensions | Ê               |
|------------|-----------------|
| L          | 42mm +/-1mm     |
| н          | 45mm +/-1mm     |
| т          | 30mm +/-1mm     |
| S          | 37.5mm +/-0.4mm |
| S1         | 20.3mm +/-0.4mm |
| LL         | 6mm -2mm        |
| F          | 1.2mm +/-0.05mm |

| Series           | C4AK                                 |
|------------------|--------------------------------------|
| Dielectric       | Metallized Polypropylene             |
| Style            | Radial                               |
| Features         | DC Filtering                         |
| RoHS             | Yes                                  |
| Lead             | 4 Wire Leads                         |
| Qualifications   | AEC-Q200, IEC61071, EN61071, VDE0560 |
| AEC-Q200         | Yes                                  |
| Component Weight | 79 g                                 |

Rth = 15 C/W.

| Specifications           |  |
|--------------------------|--|
| Capacitance              | 20 uF  |
| Capacitance<br>Tolerance | 5%   |
| Voltage DC               | 900 VDC                                      |
| Temperature Range        | -55/+135°C                                   |
| Insulation Resistance    | 1.5 GOhms                                    |
| Max dV/dt                | 20 V/us                                      |
| Resistance               | 4.3 mOhms (10kHz 70C)                        |
| Ripple Current           | 18.5 Amps Irms (10kHz 95C), 400 Amps<br>Ipkr |
| Inductance               | 13 nH  |

| Packaging Specifications |           |
|--------------------------|-----------|
| Packaging                | Bulk, Box |
| Packaging Quantity       | 36        |

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