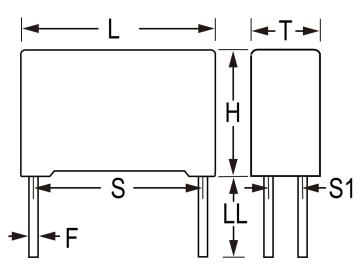


## C4AQJEW5850P3AJ

C4AQ-P, Film, Metallized Polypropylene, Automotive DC Link, 85 uF, 5%, 700 VDC, Lead Spacing =  $52.5 \, \text{mm}$ 



Click here for the 3D model.

| Dimensions |                    |
|------------|--------------------|
| L          | 57.5mm +0.8/-0.7mm |
| Н          | 56mm +0.3/-0.7mm   |
| Т          | 45mm +0.5/-0.7mm   |
| S          | 52.5mm +/-0.4mm    |
| S1         | 20.3mm +/-0.4mm    |
| LL         | 6mm -2mm           |
| F          | 1.2mm +/-0.05mm    |

| Packaging Specifications | ,         |
|--------------------------|-----------|
| Packaging                | Bulk, Box |
| Packaging Quantity       | 18        |

| General Information |                                      |
|---------------------|--------------------------------------|
| Series              | C4AQ-P                               |
| 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    | 193.5 g                              |
| Miscellaneous       | Rth = 8 C/W.                         |

| Specifications           |   |
|--------------------------|---|
| Capacitance              | 85 uF   |
| Capacitance<br>Tolerance | 5%  |
| Voltage DC               | 700 VDC                                       |
| Temperature Range        | -55/+125°C                                    |
| Insulation Resistance    | 350 MOhms                                     |
| Max dV/dt                | 15 V/us                                       |
| Resistance               | 2.75 mOhms (10kHz 70C)                        |
| Ripple Current           | 35.8 Amps Irms (10kHz 75C), 1275 Amps<br>Ipkr |
| Inductance               | 17 nH   |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

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WMF1S15 WMF4S68 EEC2E106HQA405 EEC2G805HQA415 82EC2150DQ50K WMF4D68 WMF1D68 PHE841ED6150MR17T0

66MD2100CK7AK 97F8038 730P205X9400 P42DB8483AA00F 82DC3220AA60J 82CC4220AA70J 82EC3100Z370J