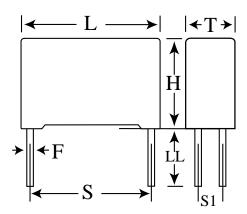
## **KEMET Part Number: C4AQIBW5600A3NJ**



## C4AQ, Film, Metallized Polypropylene, Automotive DC Link, 60 uF, 5%, 800 VDC, 70C, Lead Spacing = 52.5mm



| General information |                                         |
|---------------------|-----------------------------------------|
| Supplier:           | KEMET                                   |
| Series:             | C4AQ                                    |
| Dielectric:         | Metallized Polypropylene                |
| Style:              | Radial                                  |
| RoHS:               | Yes                                     |
| Lead:               | 4 Wire Leads                            |
| Qualifications:     | AEC-Q200, IEC61071,<br>EN61071, VDE0560 |
| AEC-Q200:           | Yes                                     |
| Miscellaneous:      | Rth = 10 C/W                            |
|                     |                                         |

Conoral Information

| Dimensions |                 |
|------------|-----------------|
| L          | 57.5mm +/-0.8mm |
| Н          | 50mm +/-0.3mm   |
| Т          | 35mm +/-0.5mm   |
| 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:           | 60 uF                                        |
| Capacitance Tolerance: | 5%                                           |
| Voltage DC:            | 800 VDC                                      |
| Temperature Range:     | -40/+105C                                    |
| Rated Temperature:     | 70C                                          |
| Dissipation Factor:    | 0.02% (10 kHz 25C)                           |
| Insulation Resistance: | 500 mOhms                                    |
| Max dV/dt:             | 9 V/us                                       |
| Resistance:            | 3.4 mOhms (10kHz 70C)                        |
| Ripple Current:        | 19.5 Amps Irms (10kHz 70C),<br>530 Amps Ipkr |
| Inductance:            | 35 nH                                        |

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