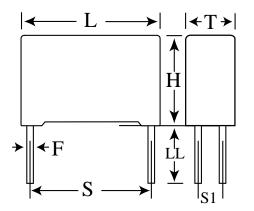
KEMET Part Number: C4AQCBW5500A3OJ



C4AQ, Film, Metallized Polypropylene, Automotive DC Link, 50 uF, 5%, 650 VDC, 70C, Lead Spacing = 37.5mm



| Dimensions | |
|------------|-----------------|
| L | 42mm +/-0.6mm |
| Н | 50mm +/-0.2mm |
| Т | 35mm +/-0.4mm |
| S | 37.5mm +/-0.4mm |
| S1 | 20.3mm +/-0.4mm |
| LL | 6mm +0/-2mm |
| F | 1.2mm +/-0.05mm |

| Packaging Specifications | | |
|--------------------------|-----------|--|
| Packaging: | Bulk, Box | |
| Packaging Quantity: | 30 | |

| General Information | | |
|---------------------|---|--|
| Supplier: | KEMET | |
| Series: | C4AQ | |
| Dielectric: | Metallized Polypropylene | |
| Style: | Radial | |
| RoHS: | Yes | |
| Lead: | 4 Wire Leads | |
| Qualifications: | AEC-Q200, IEC61071, EN61071, VDE0560 | |
| AEC-Q200: | Yes | |
| Miscellaneous: | Rth = 13 C/W | |

| Specifications | | |
|------------------------|--|--|
| Capacitance: | 50 uF | |
| Capacitance Tolerance: | 5% | |
| Voltage DC: | 650 VDC | |
| Temperature Range: | -40/+105C | |
| Rated Temperature: | 70C | |
| Dissipation Factor: | 0.02% (10 kHz 25C) | |
| Insulation Resistance: | 600 mOhms | |
| Max dV/dt: | 9 V/us | |
| Resistance: | 2 mOhms (10kHz 70C) | |
| Ripple Current: | 22.5 Amps Irms (10kHz 70C), 430 Amps Ipkr | |
| Inductance: | 35 nH | |

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