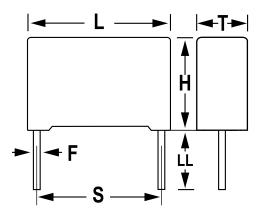
## KEMET Part Number: C4AQUBU4500A12J



C4AQ, Film, Metallized Polypropylene, Automotive DC Link, 5 uF, 5%, 1300 VDC, 70C, Lead Spacing = 27.5mm



| Dimensions |                 |
|------------|-----------------|
| L          | 31.5mm +/-0.5mm |
| Н          | 37mm +/-0.2mm   |
| Т          | 22mm +/-0.3mm   |
| S          | 27.5mm +/-0.4mm |
| LL         | 6mm +0/-2mm     |
| F          | 0.8mm +/-0.05mm |

| Packaging Specifications |           |  |
|--------------------------|-----------|--|
| Packaging:               | Bulk, Box |  |
| Packaging Quantity:      | 64        |  |

| General Information |   |  |
|---------------------|---|--|
| Supplier:           | KEMET                                   |  |
| Series:             | C4AQ                                    |  |
| Dielectric:         | Metallized Polypropylene                |  |
| Style:              | Radial                                  |  |
| RoHS:               | Yes                                     |  |
| Lead:               | Wire Leads                              |  |
| Qualifications:     | AEC-Q200, IEC61071,<br>EN61071, VDE0560 |  |
| AEC-Q200:           | Yes                                     |  |
| Miscellaneous:      | Rth = 23 C/W                            |  |

| Specifications         |   |
|------------------------|---|
| Capacitance:           | 5 uF  |
| Capacitance Tolerance: | 5%  |
| Voltage DC:            | 1300 VDC                                    |
| Temperature Range:     | -40/+105C                                   |
| Rated Temperature:     | 70C   |
| Dissipation Factor:    | 0.02% (10 kHz 25C)                          |
| Insulation Resistance: | 6 Ohms                                      |
| Max dV/dt:             | 29 V/us                                     |
| Resistance:            | 8.2 mOhms (10kHz 70C)                       |
| Ripple Current:        | 8.5 Amps Irms (10kHz 70C), 145<br>Amps Ipkr |
| Inductance:            | 28 nH                                       |

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