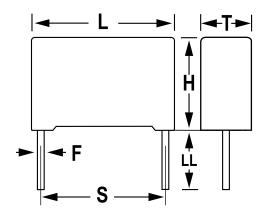
KEMET Part Number: C4AQUBU4180A1XJ



C4AQ, Film, Metallized Polypropylene, Automotive DC Link, 1.8 uF, 5%, 1300 VDC, 70°C, Lead Spacing = 27.5mm



| Dimensions | | |
|------------|-----------------|--|
| L | 31.5mm +/-0.5mm | |
| Н | 25mm +/-0.2mm | |
| Т | 13mm +/-0.3mm | |
| S | 27.5mm +/-0.4mm | |
| LL | 6mm +0/-2mm | |
| F | 0.8mm +/-0.05mm | |

| Packaging Specifications | | |
|--------------------------|-----------|--|
| Packaging: | Bulk, Box | |
| Packaging Quantity: | 234 | |

| General Information | | |
|---------------------|---|--|
| Supplier: | KEMET | |
| Series: | C4AQ | |
| Dielectric: | Metallized Polypropylene | |
| Style: | Radial | |
| RoHS: | Yes | |
| Lead: | Wire Leads | |
| Qualifications: | AEC-Q200, IEC61071, EN61071, VDE0560 | |
| AEC-Q200: | Yes | |
| Miscellaneous: | Rth = 36 C/W | |

| Specifications | |
|------------------------|--|
| Capacitance: | 1.8 uF |
| Capacitance Tolerance: | 5% |
| Voltage DC: | 1300 VDC |
| Temperature Range: | -55/+105°C |
| Rated Temperature: | 70°C |
| Dissipation Factor: | 0.02% (10 kHz 25C) |
| Insulation Resistance: | 16.66667 Ohms |
| Max dV/dt: | 29 V/us |
| Resistance: | 19.1 mOhms (10kHz 70C) |
| Ripple Current: | 4.5 Amps Irms (10kHz 70C), 52 Amps Ipkr |
| Inductance: | 25 nH |

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