

C4AQLLU5150A19K

C4AQ, Film, Metallized Polypropylene, Automotive DC Link, 15 uF, 10%, 500 VDC, 70°C, 27.5 mm



Click [here](#) for the 3D model.

General Information

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|--------------------------|--------------------------------------|
| Series | C4AQ |
| Dielectric | Metallized Polypropylene |
| Style | Radial |
| RoHS | Yes |
| Lead | Wire Leads |
| Qualifications | AEC-Q200, IEC61071, EN61071, VDE0560 |
| AEC-Q200 | Yes |
| Typical Component Weight | 28.6 g |
| Miscellaneous | Rth = 30 C/W. |

Dimensions

| | |
|----|------------------|
| L | 32mm +0.5/-0.7mm |
| H | 19mm +0.2/-0.7mm |
| T | 31mm +0.3/-0.7mm |
| S | 27.5mm +/-0.4mm |
| LL | 6mm +0/-2mm |
| F | 0.8mm +/-0.05mm |

Packaging Specifications

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|--------------------|-----------|
| Packaging | Bulk, Box |
| Packaging Quantity | 80 |

Specifications

| | |
|-----------------------|--|
| Capacitance | 15 uF |
| Tolerance | 10% |
| Voltage DC | 500 VDC |
| Temperature Range | -55/+105°C |
| Rated Temperature | 70°C |
| Insulation Resistance | 2 GOhms |
| Max dV/dt | 10 V/us |
| ESR | 5.5 mOhms (10kHz 70C) |
| Ripple Current | 12.6 Amps Irms (10kHz 70C), 144 Amps Ipk |
| Inductance | 16 nH |

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