



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

General Information

| | |
|--------------------------|--------------------------------------|
| Series | C4AQ |
| Dielectric | Metallized Polypropylene |
| Style | Radial |
| RoHS | Yes |
| Lead | Wire Leads |
| Qualifications | AEC-Q200, IEC61071, EN61071, VDE0560 |
| AEC-Q200 | Yes |
| Typical Component Weight | 14.9 g |
| Miscellaneous | Rth = 33 C/W. |

Specifications

| | |
|-----------------------|----------------------------------------|
| Capacitance | 12.5 uF |
| Tolerance | 10% |
| Voltage DC | 500 VDC |
| Temperature Range | -55/+105°C |
| Rated Temperature | 70°C |
| Insulation Resistance | 2.4 GOhms |
| Max dV/dt | 10 V/us |
| ESR | 6.7 mOhms (10kHz 70C) |
| Ripple Current | 11 Amps Irms (10kHz 70C), 122 Amps Ipk |
| Inductance | 24 nH |

| Dimensions | |
|--------------------------|--------------------|
| L | 31.5mm +0.5/-0.7mm |
| H | 28mm +0.2/-0.7mm |
| T | 14mm +0.3/-0.7mm |
| S | 27.5mm +/-0.4mm |
| LL | 6mm +0/-2mm |
| F | 0.8mm +/-0.05mm |
| Packaging Specifications | |
| Packaging | Bulk, Box |
| Packaging Quantity | 96 |

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