


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

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|--------------------------|--------------------------------------|
| Series | C4AQ |
| Dielectric | Metallized Polypropylene |
| Style | Radial |
| RoHS | Yes |
| Lead | 4 Wire Leads |
| Qualifications | AEC-Q200, IEC61071, EN61071, VDE0560 |
| Typical Component Weight | 117.8 g |
| Miscellaneous | $R_{th} = 10 \text{ C/W}$ |

Dimensions

| | |
|----|--------------------|
| L | 57.5mm +0.8/-0.7mm |
| H | 50mm +0.3/-0.7mm |
| T | 35mm +0.5/-0.7mm |
| S | 52.5mm +/-0.4mm |
| S1 | 20.3mm +/-0.4mm |
| LL | 6mm +0/-2mm |
| F | 1.2mm +/-0.05mm |

Specifications

| | |
|-----------------------|--|
| Capacitance | 27 uF |
| Tolerance | 5% |
| Voltage DC | 1300 VDC |
| Temperature Range | -55/+105°C |
| Rated Temperature | 70°C |
| Insulation Resistance | 1.11 GOhms |
| Max dV/dt | 13 V/us |
| ESR | 4.9 mOhms (10kHz 70C) |
| Ripple Current | 22.8 Amps Irms (10kHz 70C), 354 Amps Ipkr |
| Inductance | 15 nH |

Packaging Specifications

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|--------------------|-----------|
| Packaging | Bulk, Box |
| Packaging Quantity | 23 |

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