



C4AQ-M, Film, Metallized Polypropylene, Automotive DC Link, 1.7 uF, 5%, 1,000 VDC, 85°C, 27.5 mm



| General Information | |
|--------------------------|---|
| Series | C4AQ-M |
| Dielectric | Metallized Polypropylene |
| Style | Radial |
| RoHS | Yes |
| Lead | Wire Leads |
| Qualifications | AEC-Q200, IEC61071, EN61071, VDE0560 |
| AEC-Q200 | Yes |
| Typical Component Weight | 13.4 g |
| Miscellaneous | Rth = 46 C/W. |

Click here for the 3D model.

| Dimensions | |
|------------|--------------------|
| L | 32mm +0.5/-0.7mm |
| Н | 12.5mm +0.2/-0.7mm |
| Т | 21mm +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 | 192 |

| Specifications | |
|-----------------------|---|
| Capacitance | 1.7 uF |
| Tolerance | 5% |
| Voltage DC | 1000 VDC |
| Temperature Range | -55/+105°C |
| Rated Temperature | 85°C |
| Insulation Resistance | 17.6 GOhms |
| Max dV/dt | 75 V/us |
| ESR | 23 mOhms (10kHz 70C) |
| Ripple Current | 5 Amps Irms (10kHz 70C), 127.5 Amps Ipkr |
| Inductance | 11 nH |

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