



Not for New Design C4AF, Film, Metallized Polypropylene, Power, 1 uF, 10%, 700 VDC, 350 VAC, 85°C, 27.5 mm



| General Information | |
|--------------------------|---|
| Series | C4AF |
| Dielectric | Metallized Polypropylene |
| Style | Radial |
| Features | Harsh Environmental Conditions |
| RoHS | Yes |
| Lead | Wire Leads |
| Qualifications | AEC-Q200, IEC61071, EN61071, VDE0560 |
| AEC-Q200 | Yes |
| Typical Component Weight | 13.2 g |
| Miscellaneous | Rth = 36 C/W. |

Click here for the 3D model.

| Dimensions | |
|------------|--------------------|
| L | 31.5mm +0.5/-0.7mm |
| Н | 25mm +0.2/-0.7mm |
| T | 13mm +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 | 234 |

| Specifications | |
|-----------------------|---------------------------------------|
| Capacitance | 1uF |
| Tolerance | 10% |
| Voltage DC | 700 VDC |
| Voltage AC | 350 VAC |
| Temperature Range | -55/+105°C |
| Rated Temperature | 85°C |
| Insulation Resistance | 30 GOhms |
| Max dV/dt | 115 V/us |
| ESR | 10.6 mOhms |
| Ripple Current | 6.1 Amps Irms (MAX), 115 Amps Ipkr |
| Inductance | 25 nH (ESL) |

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