



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

General Information

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|--------------------------|--------------------------|
| Series | F871 |
| Dielectric | Metallized Polypropylene |
| Style | Radial |
| Features | MKP EMI Safety |
| RoHS | Yes |
| Termination | Tinned Wire |
| Lead | Wire Leads |
| Safety Class | X1 |
| Qualifications | ENEC, UL, cUL, CQC |
| AEC-Q200 | No |
| Typical Component Weight | 3.528 g |
| Miscellaneous | ClimCat: 40/110/56/B. |
| Shelf Life | 104 Weeks |

Dimensions

| | |
|----------------|-----------------|
| L | 18mm -0.5mm |
| H | 17.5mm -0.5mm |
| T | 6mm -0.5mm |
| S | 15mm +/-0.4mm |
| H ₀ | 18.5mm +/-0.5mm |
| F | 0.8mm +/-0.05mm |
| G | 0.5mm NOM |

Packaging Specifications

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|--------------------|-----|
| Packaging | T&R |
| Packaging Quantity | 500 |

Specifications

| | |
|-----------------------|--------------|
| Capacitance | 0.1 uF |
| Tolerance | 20% |
| Voltage DC | 800 VDC |
| Voltage AC | 330 VAC (X1) |
| Temperature Range | -40/+110°C |
| Rated Temperature | 110°C |
| Dissipation Factor | 0.3% 1kHz |
| Insulation Resistance | 30 GOhms |
| Max dV/dt | 400 V/us |

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