



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

### Dimensions

|                |                  |
|----------------|------------------|
| L              | 18mm -0.5mm      |
| H              | 10mm -0.5mm      |
| T              | 4mm -0.5mm       |
| S              | 15mm +0.6/-0.1mm |
| H <sub>0</sub> | 18.5mm +/-0.5mm  |
| F              | 0.8mm +/-0.05mm  |
| G              | 0.5mm NOM        |

### Packaging Specifications

|                    |     |
|--------------------|-----|
| Packaging          | T&R |
| Packaging Quantity | 750 |

### General Information

|                  |                          |
|------------------|--------------------------|
| Series           | F871                     |
| Dielectric       | Metallized Polypropylene |
| Style            | Radial                   |
| Features         | MKP EMI Safety           |
| RoHS             | Yes                      |
| Lead             | Wire Leads               |
| Safety Class     | X1                       |
| Qualifications   | ENEC, UL, cUL, CQC       |
| AEC-Q200         | No                       |
| THB Performance  | No                       |
| Component Weight | 1.733 g                  |
| Miscellaneous    | ClimCat: 40/110/56/C.    |
| Shelf Life       | 104 Weeks                |

### Specifications

|                       |              |
|-----------------------|--------------|
| Capacitance           | 0.01 uF      |
| Capacitance Tolerance | 20%          |
| Voltage AC            | 330 VAC (X1) |
| Voltage DC            | 800 VDC      |
| Temperature Range     | -40/+110°C   |
| Rated Temperature     | 110°C        |
| Dissipation Factor    | 0.3% 1KHz    |
| Insulation Resistance | 30 GOhms     |
| Max dV/dt             | 400 V/us     |