



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

### Dimensions

|    |                 |
|----|-----------------|
| L  | 31.5mm -0.7mm   |
| H  | 40mm -0.7mm     |
| T  | 17mm -0.7mm     |
| S  | 27.5mm +/-0.4mm |
| LL | 17mm -1mm       |
| F  | 0.8mm +/-0.05mm |
| G  | 0.5mm NOM       |

### Packaging Specifications

|                    |            |
|--------------------|------------|
| Packaging          | Pizza, Box |
| Packaging Quantity | 190        |

### General Information

|                  |                          |
|------------------|--------------------------|
| Series           | F872                     |
| 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 | 17.8 g                   |
| Miscellaneous    | ClimCat: 40/110/56/B.    |
| Shelf Life       | 104 Weeks                |

### Specifications

|                       |              |
|-----------------------|--------------|
| Capacitance           | 1 uF         |
| Capacitance Tolerance | 20%          |
| Voltage AC            | 480 VAC (X1) |
| Voltage DC            | 1000 VDC     |
| Temperature Range     | -40/+110°C   |
| Rated Temperature     | 110°C        |
| Dissipation Factor    | 0.2% 1kHz    |
| Insulation Resistance | 10 GOhms     |
| Max dV/dt             | 225 V/us     |