



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

#### General Information

|                          |                          |
|--------------------------|--------------------------|
| Series                   | F872                     |
| Dielectric               | Metallized Polypropylene |
| Style                    | Radial                   |
| Features                 | MKP EMI Safety           |
| RoHS                     | Yes                      |
| Termination              | Cut (Tinned Wire)        |
| Lead                     | Cut/Short                |
| Safety Class             | X1                       |
| Qualifications           | ENEC, UL, cUL, CQC       |
| AEC-Q200                 | No                       |
| Typical Component Weight | 4.59 g                   |
| Miscellaneous            | ClimCat: 40/110/56/B.    |
| Shelf Life               | 104 Weeks                |

#### Dimensions

|    |                 |
|----|-----------------|
| L  | 18mm -0.5mm     |
| H  | 12mm -0.5mm     |
| T  | 13mm -0.5mm     |
| S  | 15mm +/-0.4mm   |
| LL | 4mm +2mm        |
| F  | 0.8mm +/-0.05mm |
| G  | 0.5mm NOM       |

#### Packaging Specifications

|                    |            |
|--------------------|------------|
| Packaging          | Pizza, Box |
| Packaging Quantity | 425        |

#### Specifications

|                       |              |
|-----------------------|--------------|
| Capacitance           | 0.056 uF     |
| Tolerance             | 10%          |
| Voltage DC            | 1000 VDC     |
| Voltage AC            | 480 VAC (X1) |
| Temperature Range     | -40/+110°C   |
| Rated Temperature     | 110°C        |
| Dissipation Factor    | 0.3% 1kHz    |
| Insulation Resistance | 30 GOhms     |
| Max dV/dt             | 600 V/us     |