



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

## General Information

|                          |                          |
|--------------------------|--------------------------|
| Series                   | F872                     |
| 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 | 2.979 g                  |
| Miscellaneous            | ClimCat: 40/110/56/B.    |
| Shelf Life               | 104 Weeks                |

## Dimensions

|    |                 |
|----|-----------------|
| L  | 18mm -0.5mm     |
| H  | 12.5mm -0.5mm   |
| T  | 9mm -0.5mm      |
| S  | 15mm +/-0.4mm   |
| LL | 17mm -1mm       |
| F  | 0.8mm +/-0.05mm |
| G  | 0.5mm NOM       |

## Packaging Specifications

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Bag |
| Packaging Quantity | 700       |

## Specifications

|                       |              |
|-----------------------|--------------|
| Capacitance           | 0.047 uF     |
| Tolerance             | 20%          |
| 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     |

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