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#### General Information

|                          |                          |
|--------------------------|--------------------------|
| Series                   | F871                     |
| 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 | 16.9 g                   |
| Miscellaneous            | ClimCat: 40/110/56/B.    |
| Shelf Life               | 104 Weeks                |

#### Dimensions

|    |                 |
|----|-----------------|
| L  | 31.5mm -0.7mm   |
| H  | 29mm -0.7mm     |
| T  | 19mm -0.7mm     |
| S  | 27.5mm +/-0.4mm |
| LL | 4mm +2mm        |
| F  | 0.8mm +/-0.05mm |
| G  | 0.5mm NOM       |

#### Packaging Specifications

|                    |            |
|--------------------|------------|
| Packaging          | Pizza, Box |
| Packaging Quantity | 170        |

#### Specifications

|                       |              |
|-----------------------|--------------|
| Capacitance           | 1.8 uF       |
| Tolerance             | 20%          |
| Voltage DC            | 800 VDC      |
| Voltage AC            | 330 VAC (X1) |
| Temperature Range     | -40/+110°C   |
| Rated Temperature     | 110°C        |
| Dissipation Factor    | 0.2% 1kHz    |
| Insulation Resistance | 5.556 GOhms  |
| Max dV/dt             | 150 V/us     |

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