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#### General Information

|                          |                          |
|--------------------------|--------------------------|
| Series                   | F871                     |
| 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 | 1.201 g                  |
| Miscellaneous            | ClimCat: 40/110/56/C.    |
| Shelf Life               | 104 Weeks                |

#### Specifications

|                       |              |
|-----------------------|--------------|
| Capacitance           | 2,500 pF     |
| Tolerance             | 10%          |
| Voltage DC            | 800 VDC      |
| Voltage AC            | 330 VAC (X1) |
| Temperature Range     | -40/+110°C   |
| Rated Temperature     | 110°C        |
| Dissipation Factor    | 0.3% 1kHz    |
| Insulation Resistance | 30 GOhms     |
| Max dV/dt             | 500 V/us     |

#### Dimensions

|                |                 |
|----------------|-----------------|
| L              | 13mm -0.5mm     |
| H              | 8mm -0.5mm      |
| T              | 4mm -0.5mm      |
| S              | 10mm +/-0.4mm   |
| H <sub>0</sub> | 18.5mm +/-0.5mm |
| F              | 0.6mm +/-0.05mm |
| G              | 0.5mm NOM       |

#### Packaging Specifications

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

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