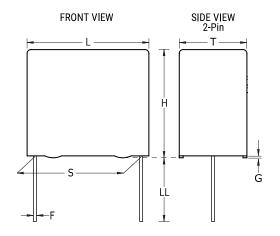


## F872AL682M480C

F872, Film, Metallized Polypropylene, Safety, 6,800 pF, 20%, 1,000 VDC, 480 VAC (X1), 110°C, 10 mm



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 | 1.375 g                  |
| Miscellaneous            | ClimCat: 40/110/56/C.    |
| Shelf Life               | 104 Weeks                |

6,800 pF

| Dimensions |                 |
|------------|-----------------|
| L          | 13mm -0.5mm     |
| н          | 7.5mm -0.5mm    |
| Т          | 9.5mm -0.5mm    |
| S          | 10mm +/-0.4mm   |
| LL         | 4mm +2mm        |
| F          | 0.6mm +/-0.05mm |
| G          | 0.5mm NOM       |

|  | •                     | •            |
|--|-----------------------|--------------|
|  | 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             | 750 V/us     |
|  |                       |              |

Specifications

Capacitance

| Packaging Specifications |           |
|--------------------------|-----------|
| Packaging                | Bulk, Bag |
| Packaging Quantity       | 1100      |

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