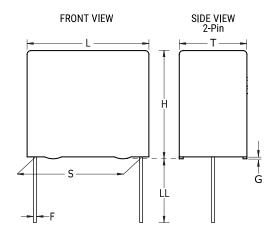


F461KM683K400C

Not for New Design F461, Film, Metallized Polypropylene, General Purpose, 0.068 uF, 10%, 400 VDC, 85°C, 7.5 mm



Click here for the 3D model.

| General Information      |  |
|--------------------------|--|
| Series                   | F461   |
| Dielectric               | Metallized Polypropylene   |
| Style                    | Radial   |
| Features                 | MKP, Pulse   |
| RoHS                     | Yes  |
| Termination              | Cut (Tinned Wire)  |
| Lead                     | Cut/Short  |
| AEC-Q200                 | No   |
| Typical Component Weight | 1.205 g  |
| Miscellaneous            | The Rated Voltage Decreases<br>2%/C Between +85C And +105C<br>(1.25%/C For AC). ClimCat:<br>55/105/56. |
| Notes                    | Series Replaced by R75.  |

| Dimensions |                 |
|------------|-----------------|
| L          | 10.5mm -0.5mm   |
| н          | 12mm -0.5mm     |
| Т          | 6mm -0.5mm      |
| S          | 7.5mm +/-0.4mm  |
| LL         | 4mm +2mm        |
| F          | 0.6mm +/-0.05mm |
| G          | 0.5mm NOM       |

| Specifications        |  |
|-----------------------|--|
| Capacitance           | 0.068 uF                                 |
| Tolerance             | 10%                                      |
| Voltage DC            | 400 VDC, 240 VDC (105C)                  |
| Voltage AC            | 220 VAC                                  |
| Temperature Range     | -55/+105°C                               |
| Rated Temperature     | 85°C                                     |
| Dissipation Factor    | 0.04% 1kHz, 0.06% 10kHz, 0.25%<br>100kHz |
| Insulation Resistance | 100 GOhms                                |
| Max dV/dt             | 1,500 V/us                               |
| Inductance            | 6 nH                                     |

| Packaging Specifications |           |
|--------------------------|-----------|
| Packaging                | Bulk, Bag |
| Packaging Quantity       | 1000      |

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