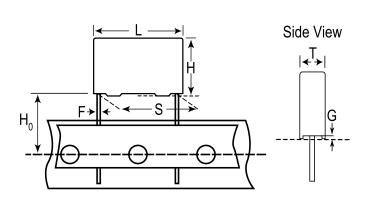


## F461KG103K630L

Not for New Design F461, Film, Metallized Polypropylene, General Purpose, 0.01 uF, 10%, 630 VDC, 85°C, 7.5 mm



Click here for the 3D model.

**Dimensions** 

| General Information      |   |
|--------------------------|---|
| Series                   | F461  |
| Dielectric               | Metallized Polypropylene  |
| Style                    | Radial  |
| Features                 | MKP, Pulse  |
| RoHS                     | Yes   |
| Termination              | Tinned Wire   |
| Lead                     | Wire Leads  |
| AEC-Q200                 | No  |
| Typical Component Weight | 0.773 g   |
| Miscellaneous            | The Rated Voltage Decreases 2%/C Between +85C And +105C (1.25%/C For AC). ClimCat: 55/105/56. |
| Notes                    | Series Replaced by R75.   |

| L                        | 10mm -0.5mm       |
|--------------------------|-------------------|
| н                        | 8mm -0.5mm        |
| Т                        | 4mm -0.5mm        |
| S                        | 7.5mm +0.6/-0.1mm |
| НО                       | 18.5mm +/-0.5mm   |
| F                        | 0.6mm +/-0.05mm   |
| G                        | 0.5mm NOM         |
|                          |                   |
| Packaging Specifications |                   |
| Packaging                | T&R               |
| Packaging Quantity       | 1500              |

| Specifications        |  |
|-----------------------|--|
| Capacitance           | 0.01 uF                                  |
| Tolerance             | 10%                                      |
| Voltage DC            | 630 VDC, 378 VDC (105C)                  |
| Voltage AC            | 250 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             | 2,400 V/us                               |
| Inductance            | 6 nH                                     |

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