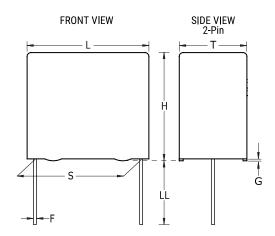


## F461KE223K160C

Not for New Design

F461, Film, Metallized Polypropylene, General Purpose, 0.022 uF, 10%, 160 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 | 0.286 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.   |

| Dimensions               |                 |
|--------------------------|-----------------|
| L                        | 10mm -0.5mm     |
| Н                        | 6mm -0.5mm      |
| Т                        | 2.5mm -0.5mm    |
| S                        | 7.5mm +/-0.4mm  |
| LL                       | 4mm +2mm        |
| F                        | 0.6mm +/-0.05mm |
| G                        | 0.5mm NOM       |
|                          |                 |
| Packaging Specifications |                 |

| Packaging Specifications |           |
|--------------------------|-----------|
| Packaging                | Bulk, Bag |
| Packaging Quantity       | 2000      |

| Specifications        |  |
|-----------------------|--|
| Capacitance           | 0.022 uF                                 |
| Tolerance             | 10%                                      |
| Voltage DC            | 160 VDC, 96 VDC (105C)                   |
| Voltage AC            | 90 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             | 300 V/us                                 |
| Inductance            | 6 nH                                     |

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