

## F461FB225K160Z

Not for New Design

F461, Film, Metallized Polypropylene, General Purpose, 2.2 uF, 10%, 160 VDC, 85°C, 27.5 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 | 6.2 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  | 31.5mm -0.7mm   |
| H  | 17mm -0.7mm     |
| T  | 9mm -0.7mm      |
| S  | 27.5mm +/-0.4mm |
| LL | 4mm +2mm        |
| F  | 0.8mm +/-0.05mm |
| G  | 0.5mm NOM       |

### Packaging Specifications

|                    |            |
|--------------------|------------|
| Packaging          | Pizza, Box |
| Packaging Quantity | 370        |

### Specifications

|                       |                        |
|-----------------------|------------------------|
| Capacitance           | 2.2 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    | 0.1% 1kHz              |
| Insulation Resistance | 13.636 GOhms           |
| Max dV/dt             | 50 V/us                |
| Inductance            | 6 nH                   |

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