



Click [here](#) for the 3D model.

| Dimensions |                 |
|------------|-----------------|
| L          | 31.5mm -0.7mm   |
| H          | 25mm -0.7mm     |
| T          | 13mm -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       | 250        |

| General Information |   |
|---------------------|---|
| Series              | F461  |
| Dielectric          | Metallized Polypropylene  |
| Style               | Radial  |
| Features            | MKP, Pulse  |
| RoHS                | Yes   |
| Lead                | Cut/Short   |
| AEC-Q200            | No  |
| Component Weight    | 10.8 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.   |

| Specifications        |                         |
|-----------------------|-------------------------|
| Capacitance           | 1 uF                    |
| Capacitance Tolerance | 5%                      |
| Voltage AC            | 250 VAC                 |
| Voltage DC            | 630 VDC, 378 VDC (105C) |
| Temperature Range     | -55/+105°C              |
| Rated Temperature     | 85°C                    |
| Dissipation Factor    | 0.05% 1kHz, 0.06% 10kHz |
| Insulation Resistance | 30 GOhms                |
| Max dV/dt             | 180 V/us                |
| Inductance            | 6 nH                    |