

## F461RP475K630Z

Not for New Design

F461, Film, Metallized Polypropylene, General Purpose, 4.7 uF, 10%, 630 VDC, 85°C, Lead Spacing = 37.5mm



Click here for the 3D model.

| Dimensions |                 |
|------------|-----------------|
| L          | 41mm -0.7mm     |
| Н          | 38mm -0.7mm     |
| Т          | 21mm -0.7mm     |
| S          | 37.5mm +/-0.5mm |
| LL         | 4mm +2mm        |
| F          | 1mm +/-0.05mm   |
| G          | 0.5mm NOM       |

| Packaging Specifications |            |
|--------------------------|------------|
| Packaging                | Pizza, Box |
| Packaging Quantity       | 105        |

| General Information |   |
|---------------------|---|
| Series              | F461  |
| Dielectric          | Metallized Polypropylene  |
| Style               | Radial  |
| Features            | MKP, Pulse  |
| RoHS                | Yes   |
| Lead                | Cut/Short   |
| AEC-Q200            | No  |
| Component<br>Weight | 34.4 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           | 4.7 uF                  |  |  |
| Capacitance Tolerance | 10%                     |  |  |
| Voltage AC            | 250 VAC                 |  |  |
| Voltage DC            | 630 VDC, 378 VDC (105C) |  |  |
| Temperature Range     | -55/+105°C              |  |  |
| Rated Temperature     | 85°C                    |  |  |
| Dissipation Factor    | 0.1% 1kHz               |  |  |
| Insulation Resistance | 6.383 GOhms             |  |  |
| Max dV/dt             | 90 V/us                 |  |  |
| Inductance            | 6 nH                    |  |  |

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