

## F461KM274K160R

Not for New Design

F461, Film, Metallized Polypropylene, General Purpose, 0.27  $\mu$ F, 10%, 160 VDC, 85°C, Lead Spacing = 7.5mm



### General Information

|                  |   |
|------------------|---|
| Series           | F461  |
| Dielectric       | Metallized Polypropylene  |
| Style            | Radial  |
| Features         | MKP, Pulse  |
| RoHS             | Yes   |
| Lead             | Wire Leads  |
| AEC-Q200         | No  |
| Component Weight | 1.389 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.   |

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

### Dimensions

|    |                   |
|----|-------------------|
| L  | 10.5mm -0.5mm     |
| H  | 12mm -0.5mm       |
| T  | 6mm -0.5mm        |
| S  | 7.5mm +0.6/-0.1mm |
| H0 | 18.5mm +/-0.5mm   |
| F  | 0.6mm +/-0.05mm   |
| G  | 0.5mm NOM         |

### Packaging Specifications

|                    |                         |
|--------------------|-------------------------|
| Packaging          | Ammo, 360x340x59mm, Box |
| Packaging Quantity | 1350                    |

### Specifications

|                       |                         |
|-----------------------|-------------------------|
| Capacitance           | 0.27 $\mu$ F            |
| Capacitance Tolerance | 10%                     |
| Voltage AC            | 90 VAC                  |
| Voltage DC            | 160 VDC, 96 VDC (105C)  |
| Temperature Range     | -55/+105°C              |
| Rated Temperature     | 85°C                    |
| Dissipation Factor    | 0.05% 1kHz, 0.06% 10kHz |
| Insulation Resistance | 100 GOhms               |
| Max dV/dt             | 300 V/us                |
| Inductance            | 6 nH                    |

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