# F461KF822K400R
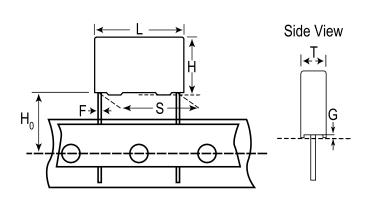
**Not for New Design**

F461, Film, Metallized Polypropylene, General Purpose, 8,200 pF, 10%, 400 VDC, 85°C, 7.5 mm

### Side View

Click here for the 3D model.

## General Information

| | |
|---|---|
| Series | F461 |
| Dielectric | Metallized Polypropylene |
| Style | Radial |
| Features | MKP, Pulse |
| RoHS | Yes |
| Termination | Tinned Wire |
| Lead | Wire Leads |
| AEC-Q200 | No |
| Typical Component Weight | 0.578 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 |
| H | 8mm -0.5mm |
| T | 3mm -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 | 2800 |

## Specifications

| | |
|---|---|
| Capacitance | 8,200 pF |
| Tolerance | 10% |
| Voltage DC | 400 VDC, 240 VDC (105C) |
| Voltage AC | 220 VAC |
| Temperature Range | –55/+105°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 0.04% 1kHz, 0.06% 10kHz, 0.25% 100kHz |
| Insulation Resistance | 100 GOhms |
| Max dV/dt | 1,500 V/us |
| Inductance | 6 nH |