

F461JG682K400R

Not for New Design

F461, Film, Metallized Polypropylene, General Purpose, 6800 pF, 10%, 400 VDC, 85°C, Lead Spacing = 5mm



General Information

| | |
|------------------|---|
| Series | F461 |
| Dielectric | Metallized Polypropylene |
| Style | Radial |
| Features | MKP, Pulse |
| RoHS | Yes |
| Lead | Wire Leads |
| AEC-Q200 | No |
| Component Weight | 0.499 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 | 6800 pF |
| Capacitance Tolerance | 10% |
| Voltage AC | 220 VAC |
| Voltage DC | 400 VDC, 240 VDC (105C) |
| 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 | 400 V/us |
| Inductance | 6 nH |

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

Dimensions

| | |
|----------------|-----------------|
| L | 7.2mm -0.5mm |
| H | 7.5mm -0.5mm |
| T | 3.5mm -0.5mm |
| S | 5mm +0.6/-0.1mm |
| H ₀ | 18.5mm +/-0.5mm |
| F | 0.5mm +/-0.05mm |
| G | 0.5mm NOM |

Packaging Specifications

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|--------------------|-------------------------|
| Packaging | Ammo, 360x340x59mm, Box |
| Packaging Quantity | 2500 |

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