

F461KF472K630C Not for New Design

F461, Film, Metallized Polypropylene, General Purpose, 4700 pF, 10%, 630 VDC, 85°C, Lead Spacing = 7.5mm



Click here for the 3D model.

| Dimensions | |
|------------|-----------------|
| L | 10mm -0.5mm |
| н | 8mm -0.5mm |
| т | 3mm -0.5mm |
| S | 7.5mm +/-0.4mm |
| LL | 4mm +2mm |
| F | 0.6mm +/-0.05mm |
| G | 0.5mm NOM |

Packaging Specifications

| Packaging | Bulk, Bag |
|--------------------|-----------|
| Packaging Quantity | 1500 |

| General Information | |
|---------------------|---|
| Series | F461 |
| Dielectric | Metallized Polypropylene |
| Style | Radial |
| Features | MKP, Pulse |
| RoHS | Yes |
| Lead | Cut/Short |
| AEC-Q200 | No |
| Component Weight | 0.423 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 | 4700 pF | | | |
| 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 | 0.04% 1kHz, 0.06% 10kHz, 0.25% 100kHz | | | |
| Insulation Resistance | 100 GOhms | | | |
| Max dV/dt | 2400 V/us | | | |
| Inductance | 6 nH | | | |

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