

F461F1685J160Z

Not for New Design

F461, Film, Metallized Polypropylene, General Purpose, 6.8 uF, 5%, 160 VDC, 85°C, Lead Spacing = 27.5mm



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

| Dimensions | |
|------------|-----------------|
| L | 31.5mm -0.7mm |
| H | 25mm -0.7mm |
| T | 13mm -0.7mm |
| S | 27.5mm +/-0.4mm |
| LL | 4mm +2mm |
| F | 0.8mm +/-0.05mm |
| G | 0.5mm NOM |

| Packaging Specifications | |
|--------------------------|------------|
| Packaging | Pizza, Box |
| Packaging Quantity | 250 |

| General Information | |
|---------------------|---|
| Series | F461 |
| Dielectric | Metallized Polypropylene |
| Style | Radial |
| Features | MKP, Pulse |
| RoHS | Yes |
| Lead | Cut/Short |
| AEC-Q200 | No |
| Component Weight | 10.8 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 | 6.8 uF |
| Capacitance Tolerance | 5% |
| Voltage AC | 90 VAC |
| Voltage DC | 160 VDC, 96 VDC (105C) |
| Temperature Range | -55/+105°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 0.1% 1kHz |
| Insulation Resistance | 4.412 GOhms |
| Max dV/dt | 50 V/us |
| Inductance | 6 nH |

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