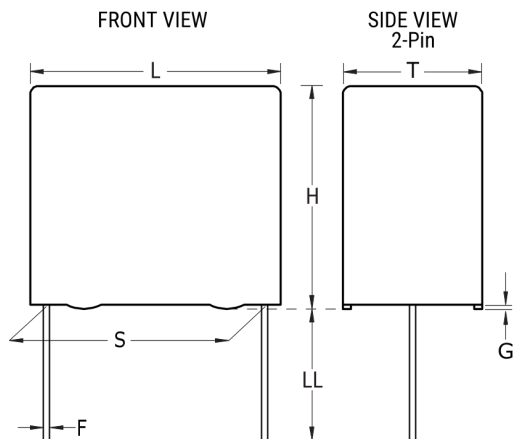


## F461DM185J250Z

Not for New Design

F461, Film, Metallized Polypropylene, General Purpose, 1.8 uF, 5%, 250 VDC, 85°C, Lead Spacing = 22.5mm



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

### Dimensions

|    |                 |
|----|-----------------|
| L  | 26mm -0.5mm     |
| H  | 18.5mm -0.5mm   |
| T  | 9mm -0.5mm      |
| S  | 22.5mm +/-0.4mm |
| LL | 4mm +2mm        |
| F  | 0.8mm +/-0.05mm |
| G  | 0.5mm NOM       |

### Packaging Specifications

|                    |            |
|--------------------|------------|
| Packaging          | Pizza, Box |
| Packaging Quantity | 444        |

### General Information

|                  |                                                                                               |
|------------------|-----------------------------------------------------------------------------------------------|
| Series           | F461                                                                                          |
| Dielectric       | Metallized Polypropylene                                                                      |
| Style            | Radial                                                                                        |
| Features         | MKP, Pulse                                                                                    |
| RoHS             | Yes                                                                                           |
| Lead             | Cut/Short                                                                                     |
| AEC-Q200         | No                                                                                            |
| Component Weight | 6.067 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           | 1.8 uF                  |
| Capacitance Tolerance | 5%                      |
| Voltage AC            | 160 VAC                 |
| Voltage DC            | 250 VDC, 150 VDC (105C) |
| Temperature Range     | -55/+105°C              |
| Rated Temperature     | 85°C                    |
| Dissipation Factor    | 0.1% 1kHz               |
| Insulation Resistance | 16.667 GOhms            |
| Max dV/dt             | 125 V/us                |
| Inductance            | 6 nH                    |

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