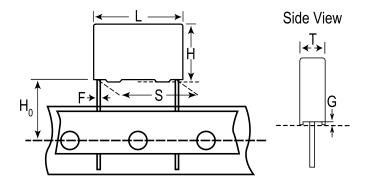


## F461DI185J160L

Not for New Design F461, Film, Metallized Polypropylene, General Purpose, 1.8 uF, 5%, 160 VDC, 85°C, 22.5 mm



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 | 5.605 g  |
| Miscellaneous            | The Rated Voltage Decreases<br>2%/C Between +85C And +105C<br>(1.25%/C For AC). ClimCat:<br>55/105/56. |
| Notes                    | Series Replaced by R75.  |

| Dimensions |                    |
|------------|--------------------|
| L          | 26mm -0.5mm        |
| н          | 16mm -0.5mm        |
| Т          | 7mm -0.5mm         |
| S          | 22.5mm +0.6/-0.1mm |
| НО         | 18.5mm +/-0.5mm    |
| F          | 0.8mm +/-0.05mm    |
| G          | 0.5mm NOM          |

| Packaging Specifications |     |
|--------------------------|-----|
| Packaging                | T&R |
| Packaging Quantity       | 250 |

| Specifications        |                        |
|-----------------------|------------------------|
| Capacitance           | 1.8 uF                 |
| Tolerance             | 5%                     |
| Voltage DC            | 160 VDC, 96 VDC (105C) |
| Voltage AC            | 90 VAC                 |
| Temperature Range     | -55/+105°C             |
| Rated Temperature     | 85°C                   |
| Dissipation Factor    | 0.1% 1kHz              |
| Insulation Resistance | 16.667 GOhms           |
| Max dV/dt             | 60 V/us                |
| Inductance            | 6 nH                   |

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