

F461KF153K250C

Not for New Design

F461, Film, Metallized Polypropylene, General Purpose, 0.015 uF, 10%, 250 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 E          | Bulk, Bag |
|----------------------|-----------|
| Packaging Quantity 1 | 1500      |

| General Information |                                                                                                     |
|---------------------|-----------------------------------------------------------------------------------------------------|
| Series              | F461                                                                                                |
| Dielectric          | Metallized Polypropylene                                                                            |
| Style               | Radial                                                                                              |
| Features            | MKP, Pulse                                                                                          |
| RoHS                | Yes                                                                                                 |
| Lead                | Cut/Short                                                                                           |
| AEC-Q200            | No                                                                                                  |
| Component<br>Weight | 0.425 g                                                                                             |
| Miscellaneous       | The Rated Voltage Decreases 2%/C Between<br>+85C And +105C (1.25%/C For AC). ClimCat:<br>55/105/56. |
| Notes               | Series Replaced by R75.                                                                             |
|                     |                                                                                                     |

| Specifications            |                                       |
|---------------------------|---------------------------------------|
| Capacitance               | 0.015 uF                              |
| Capacitance Tolerance     | 10%                                   |
| Voltage AC                | 160 VAC                               |
| Voltage DC                | 250 VDC, 150 VDC (105C)               |
| Temperature Range         | -55/+105°C                            |
| Rated Temperature         | 85°C                                  |
| <b>Dissipation Factor</b> | 0.04% 1kHz, 0.06% 10kHz, 0.25% 100kHz |
| Insulation Resistance     | 100 GOhms                             |
| Max dV/dt                 | 650 V/us                              |
| Inductance                | 6 nH                                  |

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