

## F461KJ683K250A

Not for New Design

F461, Film, Metallized Polypropylene, General Purpose, 0.068 uF, 10%, 250 VDC, 85°C, Lead Spacing = 7.5mm



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

### Dimensions

|    |                 |
|----|-----------------|
| L  | 10mm -0.5mm     |
| H  | 10.5mm -0.5mm   |
| T  | 5mm -0.5mm      |
| S  | 7.5mm +/-0.4mm  |
| LL | 17mm +0/-1mm    |
| F  | 0.6mm +/-0.05mm |
| G  | 0.5mm NOM       |

### Packaging Specifications

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Bag |
| Packaging Quantity | 1000      |

### General Information

|                  |   |
|------------------|---|
| Series           | F461  |
| Dielectric       | Metallized Polypropylene  |
| Style            | Radial  |
| Features         | MKP, Pulse  |
| RoHS             | Yes   |
| Lead             | Wire Leads  |
| AEC-Q200         | No  |
| Component Weight | 0.971 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           | 0.068 uF                              |
| Capacitance Tolerance | 10%                                   |
| Voltage AC            | 160 VAC                               |
| Voltage DC            | 250 VDC, 150 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             | 650 V/us                              |
| Inductance            | 6 nH                                  |

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