

## F461AG823K250R

Not for New Design

F461, Film, Metallized Polypropylene, General Purpose, 0.082 uF, 10%, 250 VDC, 85°C, 10 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 | 1.124 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           | 0.082 uF                              |
| Tolerance             | 10%                                   |
| Voltage DC            | 250 VDC, 150 VDC (105C)               |
| Voltage AC            | 160 VAC                               |
| 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             | 550 V/us                              |
| Inductance            | 6 nH                                  |

### Dimensions

|    |                  |
|----|------------------|
| L  | 13mm -0.5mm      |
| H  | 9mm -0.5mm       |
| T  | 4mm -0.5mm       |
| S  | 10mm +0.6/-0.1mm |
| H0 | 18.5mm +/-0.5mm  |
| F  | 0.6mm +/-0.05mm  |
| G  | 0.5mm NOM        |

### Packaging Specifications

|                    |                         |
|--------------------|-------------------------|
| Packaging          | Ammo, 360x340x59mm, Box |
| Packaging Quantity | 1000                    |

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