

## F463BB102K2K0A

Not for New Design

F463, Film, Metallized Polypropylene, General Purpose, 1000 pF, 10%, 2000 VDC, 85°C, Lead Spacing = 15mm



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

### Dimensions

|    |                 |
|----|-----------------|
| L  | 18mm -0.5mm     |
| H  | 10mm -0.5mm     |
| T  | 4mm -0.5mm      |
| S  | 15mm +/-0.4mm   |
| LL | 17mm +0/-1mm    |
| F  | 0.8mm +/-0.05mm |
| G  | 0.5mm NOM       |

### Packaging Specifications

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Bag |
| Packaging Quantity | 1500      |

### General Information

|                  |                                                                                               |
|------------------|-----------------------------------------------------------------------------------------------|
| Series           | F463                                                                                          |
| Dielectric       | Metallized Polypropylene                                                                      |
| Style            | Radial                                                                                        |
| Features         | MKP, Pulse                                                                                    |
| RoHS             | Yes                                                                                           |
| Lead             | Wire Leads                                                                                    |
| AEC-Q200         | No                                                                                            |
| Component Weight | 1.257 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           | 1000 pF                               |
| Capacitance Tolerance | 10%                                   |
| Voltage AC            | 700 VAC                               |
| Voltage DC            | 2000 VDC, 1200 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             | 9500 V/us                             |
| Inductance            | 6 nH                                  |

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