

## F861AE333M310L

F861, Film, Metallized Polypropylene, Safety, 0.033 uF, 20%, 310 VAC (X2), 630 VDC, 110°C, Lead Spacing = 10mm



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

### Dimensions

|    |                  |
|----|------------------|
| L  | 13mm -0.5mm      |
| H  | 8mm -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          | T&R |
| Packaging Quantity | 750 |

### General Information

|                  |                          |
|------------------|--------------------------|
| Series           | F861                     |
| Dielectric       | Metallized Polypropylene |
| Style            | Radial                   |
| Features         | MKP EMI Safety           |
| RoHS             | Yes                      |
| Lead             | Wire Leads               |
| Safety Class     | X2                       |
| Qualifications   | ENEC, UL, cUL, CQC       |
| AEC-Q200         | No                       |
| THB Performance  | No                       |
| Component Weight | 1.205 g                  |
| Miscellaneous    | ClimCat: 40/110/56/B.    |
| Shelf Life       | 104 Weeks                |

### Specifications

|                       |              |
|-----------------------|--------------|
| Capacitance           | 0.033 uF     |
| Capacitance Tolerance | 20%          |
| Voltage AC            | 310 VAC (X2) |
| Voltage DC            | 630 VDC      |
| Temperature Range     | -40/+110°C   |
| Rated Temperature     | 110°C        |
| Dissipation Factor    | 0.3% 1KHz    |
| Insulation Resistance | 30 GOhms     |
| Max dV/dt             | 500 V/us     |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.