

# F861DP185M310Z

F861, Film, Metallized Polypropylene, Safety, 1.8 uF, 20%, 310 VAC (X2), 630 VDC, 110°C, Lead Spacing = 22.5mm

## FRONT VIEW



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

### Dimensions

- L 26mm -0.5mm
- H 20mm -0.5mm
- T 11mm -0.5mm
- S 22.5mm +/-0.4mm

### Dimensions

LL 4mm +2mm  
F 0.8mm +/-0.05mm  
G 0.5mm NOM

### Packaging Specifications

Packaging Pizza, Box  
Packaging Quantity 360

### General Information

Series F861  
Dielectric Metallized Polypropylene  
Style Radial  
Features MKP EMI Safety  
RoHS Yes  
Lead Cut/Short  
Safety Class X2  
Qualifications ENEC, UL, cUL, CQC  
AEC-Q200 No  
THB Performance No  
Component Weight 7.771 g  
Miscellaneous ClimCat: 40/110/56/B.  
Shelf Life 104 Weeks

### Specifications

Capacitance 1.8 uF  
Capacitance Tolerance 20%  
Voltage AC 310 VAC (X2)  
Voltage DC 630 VDC  
Temperature Range -40/+110°C  
Rated Temperature 110°C  
Dissipation Factor 0.2% 1kHz  
Insulation Resistance 5.556 GOhms  
Max dV/dt 200 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.

Generated 5/18/2023 - a437a076-7e57-4adb-9cff-d9634f599540  
© 2006 - 2023 KEMET  
Generated 5/18/2023 - a437a076-7e57-4adb-9cff-d9634f599540  
© 2006 - 2023 KEMET