

# F862FC105M310Z

F862, Film, Metallized Polypropylene, Automotive Safety, 1 uF, 20%, 310 VAC (X2), 630 VDC, 110°C,  
Lead Spacing = 27.5mm

## FRONT VIEW



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

### Dimensions

- L 31.5mm -0.7mm
- H 20mm -0.7mm
- T 11mm -0.7mm
- S 27.5mm +/-0.4mm

### Dimensions

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

### Packaging Specifications

Packaging Pizza, Box  
Packaging Quantity 300

### General Information

Series F862  
Dielectric Metallized Polypropylene  
Style Radial  
Features MKP EMI, Automotive Grade, Harsh Environmental Conditions, Heavy Duty  
RoHS Yes  
Lead Cut/Short  
Safety Class X2  
Qualifications ENEC, UL, cUL, CQC, AEC-Q200  
AEC-Q200 Yes  
THB Performance Yes  
Halogen Free Yes  
Component Weight 9.133 g  
Miscellaneous ClimCat: 40/110/56/B.  
Shelf Life 104 Weeks

### Specifications

Capacitance 1 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 10 GOhms  
Max dV/dt 150 V/us

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