

# F862DU125K310ZL32KV054

F862, Film, Metallized Polypropylene, Automotive Safety, 1.2 uF, 10%, 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 22mm -0.5mm
- T 13mm -0.5mm
- S 22.5mm +/-0.4mm

### Dimensions

LL 3.2mm +0.3/-0.2mm  
F 0.8mm +/-0.05mm  
G 0.5mm NOM

### Packaging Specifications

Packaging Pizza, Box  
Packaging Quantity 540

### 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 No  
Component Weight 9.31 g  
Miscellaneous ClimCat: 40/110/56/B.  
Shelf Life 104 Weeks

### Specifications

Capacitance 1.2 uF  
Capacitance Tolerance 10%  
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 8.3333 GOhms  
Max dV/dt 200 V/us

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