

# F461DY105J630Z

Not for New Design

F461, Film, Metallized Polypropylene, General Purpose, 1 uF, 5%, 630 VDC, 85°C, Lead Spacing = 22.5mm

## FRONT VIEW



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

### Dimensions

L 26mm -0.5mm

H 24.5mm -0.5mm

### Dimensions

T 15.5mm -0.5mm  
S 22.5mm +/-0.4mm  
LL 4mm +2mm  
F 0.8mm +/-0.05mm  
G 0.5mm NOM

### Packaging Specifications

Packaging Pizza, Box  
Packaging Quantity 252

### General Information

Series F461  
Dielectric Metallized Polypropylene  
Style Radial  
Features MKP, Pulse  
RoHS Yes  
Lead Cut/Short  
AEC-Q200 No  
Component Weight 12.96 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 1 uF  
Capacitance Tolerance 5%  
Voltage AC 250 VAC  
Voltage DC 630 VDC, 378 VDC (105C)  
Temperature Range -55/+105°C  
Rated Temperature 85°C  
Dissipation Factor 0.05% 1kHz, 0.06% 10kHz  
Insulation Resistance 30 GOhms  
Max dV/dt 400 V/us  
Inductance 6 nH

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