

F461DY105K630Z

Not for New Design

F461, Film, Metallized Polypropylene, General Purpose, 1 uF, 10%, 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 10%
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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