

F461DY685K160L

Not for New Design

F461, Film, Metallized Polypropylene, General Purpose, 6.8 uF, 10%, 160 VDC, 85°C, Lead Spacing = 22.5mm



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 +0.6/-0.1mm
H0 18.5mm +/-0.5mm
F 0.8mm +/-0.05mm
G 0.5mm NOM

Packaging Specifications

Packaging T&R
Packaging Quantity 120

General Information

Series F461
Dielectric Metallized Polypropylene
Style Radial
Features MKP, Pulse
RoHS Yes
Lead Wire Leads
AEC-Q200 No
Component Weight 15.69 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 6.8 uF
Capacitance Tolerance 10%
Voltage AC 90 VAC
Voltage DC 160 VDC, 96 VDC (105C)
Temperature Range -55/+105°C
Rated Temperature 85°C
Dissipation Factor 0.1% 1kHz
Insulation Resistance 4.412 GOhms
Max dV/dt 60 V/us
Inductance 6 nH

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