

# F461DY825J160R

Not for New Design

F461, Film, Metallized Polypropylene, General Purpose, 8.2 uF, 5%, 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 Ammo, 360x340x59mm, Box  
Packaging Quantity 170

### General Information

Series F461  
Dielectric Metallized Polypropylene  
Style Radial  
Features MKP, Pulse  
RoHS Yes  
Lead Wire Leads  
AEC-Q200 No  
Component Weight 11.31 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 8.2 uF  
Capacitance Tolerance 5%  
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 3.659 GOhms  
Max dV/dt 60 V/us  
Inductance 6 nH

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

Generated 5/18/2023 - 62a4a025-2852-4441-80e3-38df49e240c9

© 2006 - 2023 KEMET

Generated 5/18/2023 - 62a4a025-2852-4441-80e3-38df49e240c9

© 2006 - 2023 KEMET