

F461JM822K630A

Not for New Design

F461, Film, Metallized Polypropylene, General Purpose, 8200 pF, 10%, 630 VDC, 85°C, Lead Spacing = 5mm

FRONT VIEW



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

Dimensions

L 7.2mm -0.5mm

H 9.5mm -0.5mm

Dimensions

T 4.5mm -0.5mm
S 5mm +/-0.4mm
LL 17mm +0/-1mm
F 0.5mm +/-0.05mm
G 0.5mm NOM

Packaging Specifications

Packaging Bulk, Bag
Packaging Quantity 2000

General Information

Series F461
Dielectric Metallized Polypropylene
Style Radial
Features MKP, Pulse
RoHS Yes
Lead Wire Leads
AEC-Q200 No
Component Weight 0.584 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 8200 pF
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 0.04% 1kHz, 0.06% 10kHz, 0.25% 100kHz
Insulation Resistance 100 GOhms
Max dV/dt 500 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 - 9282c01e-849b-46f9-9768-a825ef826098

© 2006 - 2023 KEMET

Generated 5/18/2023 - 9282c01e-849b-46f9-9768-a825ef826098

© 2006 - 2023 KEMET