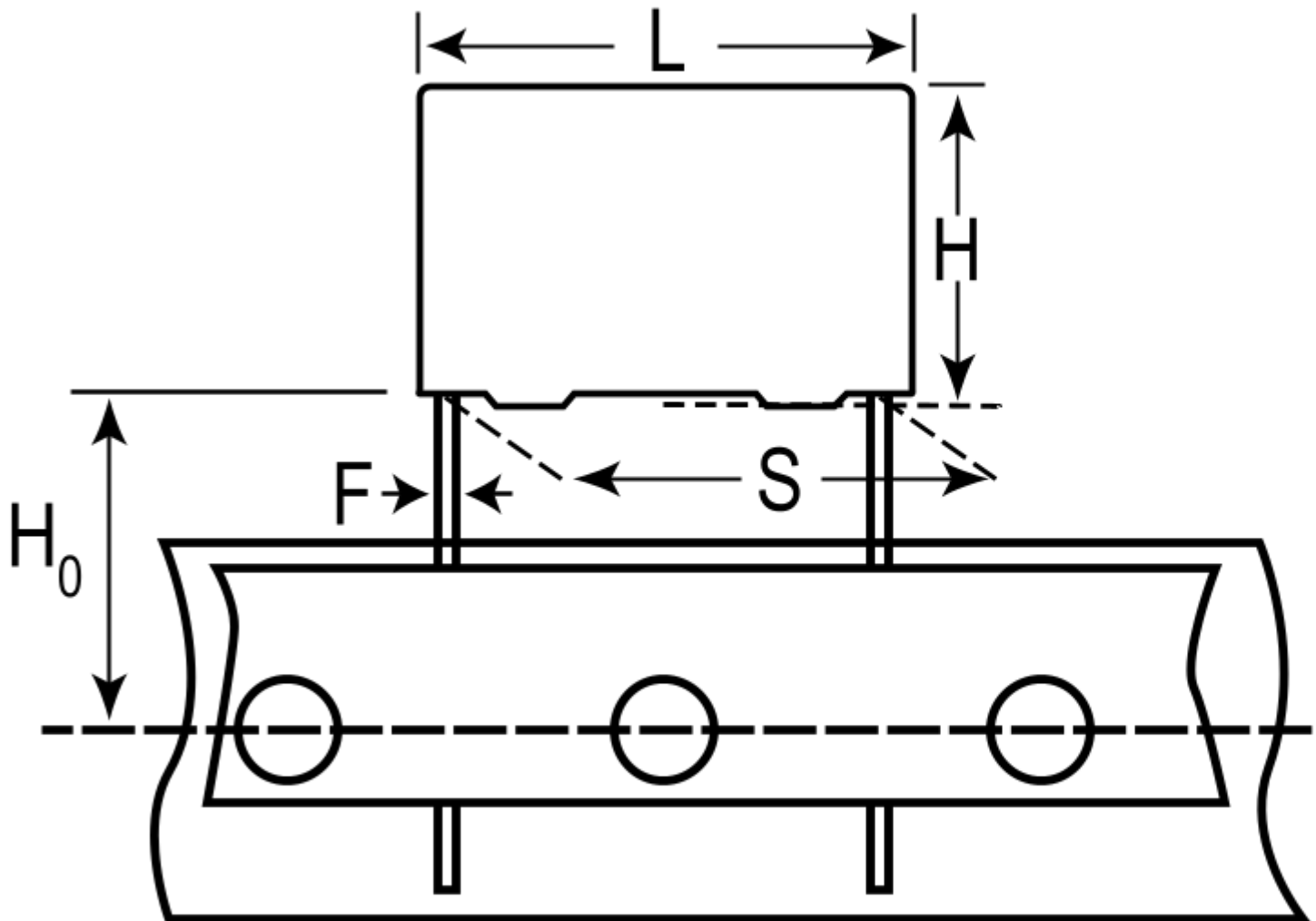


# F862DU105K310R

F862, Film, Metallized Polypropylene, Automotive Safety, 1 uF, 10%, 310 VAC (X2), 630 VDC, 110°C,  
Lead Spacing = 22.5mm



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

## Dimensions

- L 26mm -0.5mm
- H 22mm -0.5mm
- T 13mm -0.5mm
- S 22.5mm +0.6/-0.1mm

## Dimensions

H0 18.5mm +/-0.5mm

F 0.8mm +/-0.05mm

G 0.5mm NOM

## Packaging Specifications

Packaging Ammo, 360x340x59mm, Box

Packaging Quantity 200

## General Information

Series F862

Dielectric Metallized Polypropylene

Style Radial

Features MKP EMI, Automotive Grade, Harsh Environmental Conditions, Heavy Duty

RoHS Yes

Lead Wire Leads

Safety Class X2

Qualifications ENEC, UL, cUL, CQC, AEC-Q200

AEC-Q200 Yes

THB Performance Yes

Halogen Free Yes

Component Weight 9.958 g

Miscellaneous ClimCat: 40/110/56/B.

Shelf Life 104 Weeks

## Specifications

Capacitance 1 uF

Capacitance Tolerance 10%

Voltage AC 310 VAC (X2)

Voltage DC 630 VDC

Temperature Range -40/+110°C

Rated Temperature 110°C

Dissipation Factor 0.2% 1kHz

Insulation Resistance 10 GOhms

Max dV/dt 200 V/us

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 - 5a6a7d09-fd05-4b85-ab3f-8087e54fdcc9

© 2006 - 2023 KEMET

Generated 5/18/2023 - 5a6a7d09-fd05-4b85-ab3f-8087e54fdcc9

© 2006 - 2023 KEMET