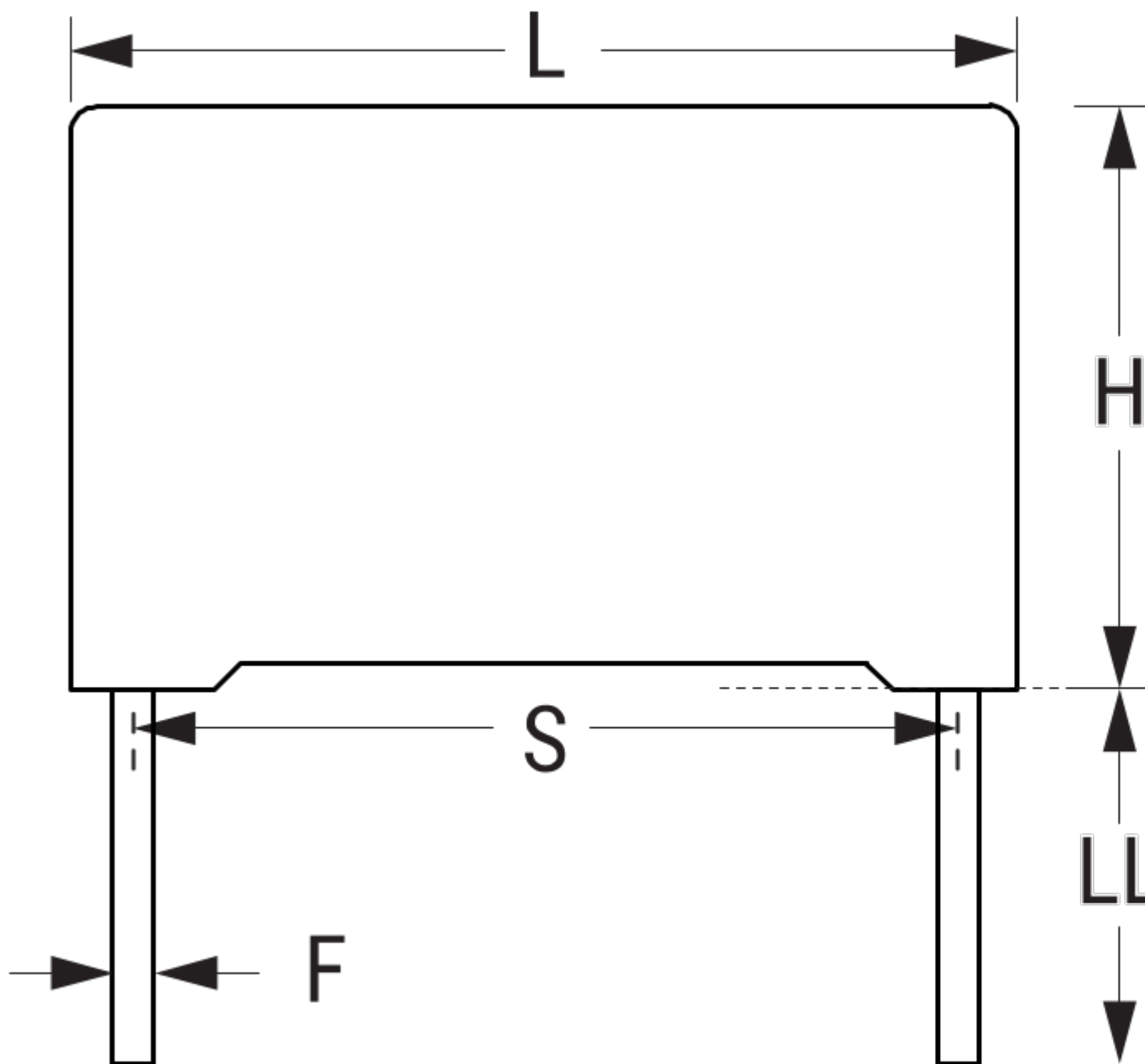


# R533N422040P0M

## Aliases (533N422040P0M)

R53 X2 310 VAC, Film, Metallized Polypropylene, Automotive Safety, 2.2 uF, 20%, 310 VAC (X2), 630 VDC, 110°C, Lead Spacing = 22.5mm



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

### Dimensions

L 26.5mm +/-0.5mm

H 22mm +0.3/-0.5mm

### **Dimensions**

T 13mm +0.3/-0.5mm  
S 22.5mm +/-0.4mm  
LL 30mm +5mm  
F 0.8mm +/-0.05mm

### **Packaging Specifications**

Packaging Bulk, Bag  
Packaging Quantity 200

### **General Information**

Series R53 X2 310 VAC  
Dielectric Metallized Polypropylene  
Style Radial  
Features Automotive Grade, EMI Safety  
RoHS Yes  
Lead Wire Leads  
Safety Class X2  
Qualifications ENEC, UL, cUL, CQC, AEC-Q200  
AEC-Q200 Yes  
THB Performance Yes  
Component Weight 9.63 g

### **Specifications**

Capacitance 2.2 uF  
Capacitance Tolerance 20%  
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 13.6364 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 - 7279fa89-771d-4d28-adb5-1adc25c6b367  
© 2006 - 2023 KEMET  
Generated 5/18/2023 - 7279fa89-771d-4d28-adb5-1adc25c6b367  
© 2006 - 2023 KEMET