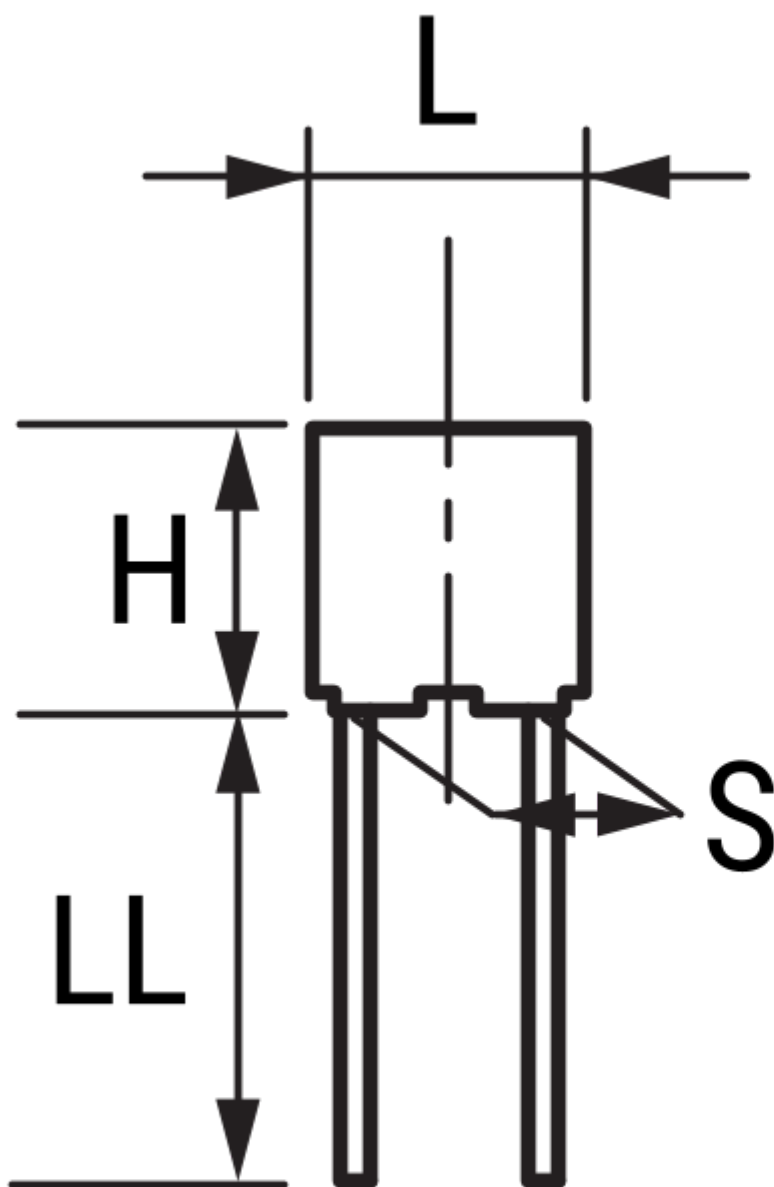


# R82MC2680AA60J

## Aliases (82MC2680AA60J)

R82, Film, Metallized Polyester Stacked, Automotive Grade, 0.068 uF, 5%, 400 VDC, 85°C, Lead Spacing = 5mm



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

### Dimensions

L 7.2mm +0.3mm

H 11mm +0.1mm

### Dimensions

T 6mm +0.1mm  
S 5mm +/-0.4mm  
LL 4mm +1.5mm  
F 0.5mm +/-0.05mm

### Packaging Specifications

Packaging Bulk  
Packaging Quantity 2000

### General Information

Series R82  
Dielectric Metallized Polyester Stacked  
Style Radial  
Features Automotive Grade, DC Multipurpose Applications  
RoHS Yes  
Lead Cut  
Qualifications AEC-Q200  
AEC-Q200 Yes  
Component Weight 0.918 g  
Miscellaneous Above 85C DC And AC Voltage Derating Is 1.25%/C.

### Specifications

Capacitance 0.068 uF  
Capacitance Tolerance 5%  
Voltage AC 160 VAC  
Voltage DC 400 VDC  
Temperature Range -55/+105°C  
Rated Temperature 85°C  
Dissipation Factor 0.8% 1kHz, 1.2% 10kHz, 2.5% 100kHz  
Insulation Resistance 30 GOhms  
Max dV/dt 200 V/us  
Inductance 7 nH

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