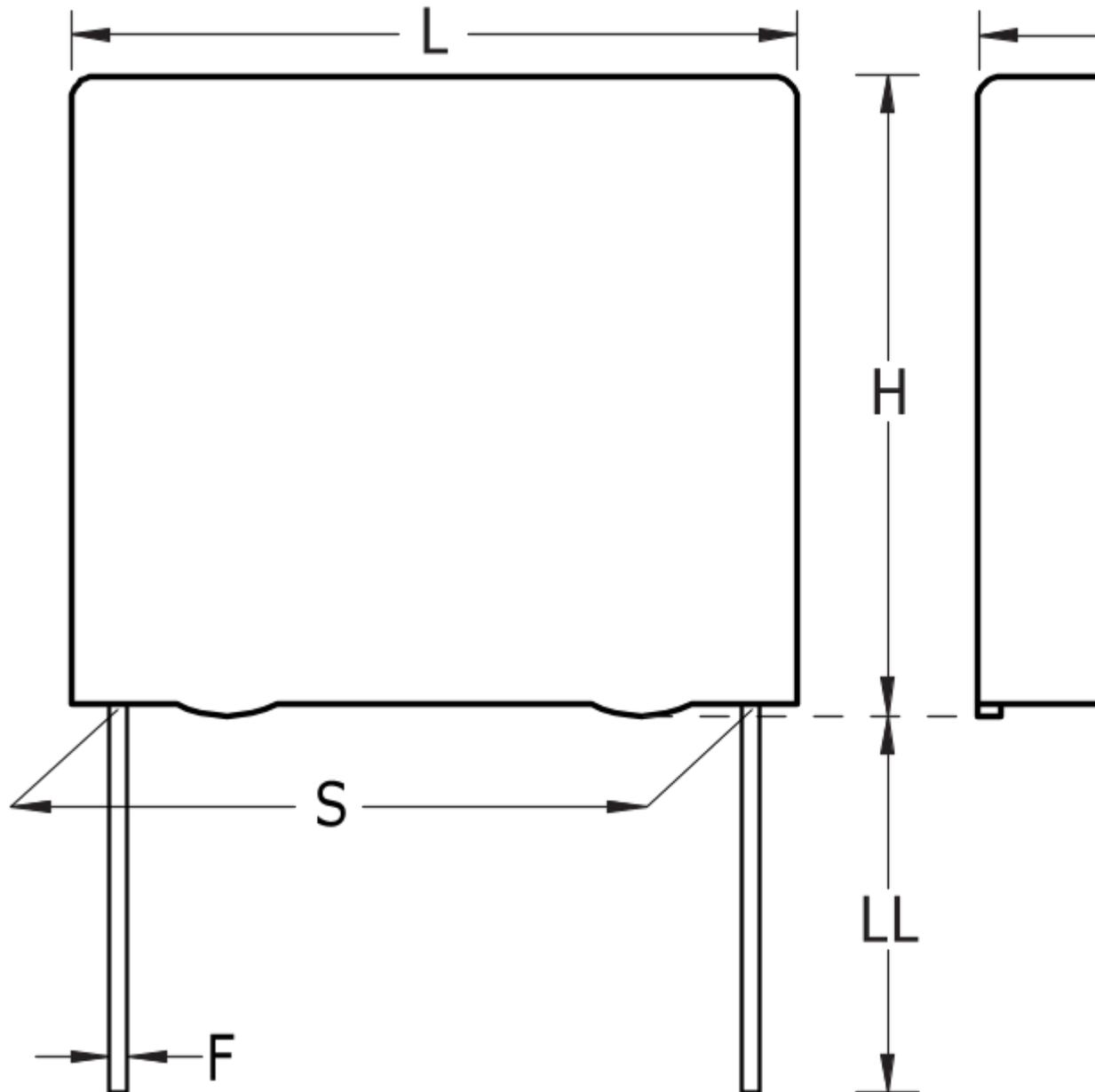


# C4AEQBU4180A1XJ

Not for New Design

C4AE, Film, Metallized Polypropylene, DC Link, 1.8 uF, 5%, 1100 VDC, 85°C, Lead Spacing = 27.5mm

## FRONT VIEW



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

### Dimensions

L 31.5mm +0.5/-0.7mm

H 25mm +0.2/-0.7mm

T 13mm +0.3/-0.7mm

## Dimensions

S 27.5mm +/-0.4mm  
LL 6mm -2mm  
F 0.8mm NOM  
G 0.5mm NOM

## Packaging Specifications

Packaging Bulk, Box

## General Information

Series	C4AE
Dielectric	Metallized Polypropylene
Style	Radial
RoHS	Yes
Termination	Tin
Lead	Wire Leads
AEC-Q200	No
Component Weight	14.3 g
Miscellaneous	Thermal Resistance = 36 C/W.
Notes	Not for new design – the replacement series is: C4AQ.

## Specifications

Capacitance	1.8 uF
Capacitance Tolerance	5%
Voltage DC	1100 VDC
Temperature Range	-40/+85°C
Rated Temperature	85°C
Insulation Resistance	16.67 GOhms
Max dV/dt	29 V/us
Resistance	19.1 mOhms (10kHz 70C)
Ripple Current	4.5 Amps (10kHz 70C), 52 Amps (Peak)
Inductance	25 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.

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