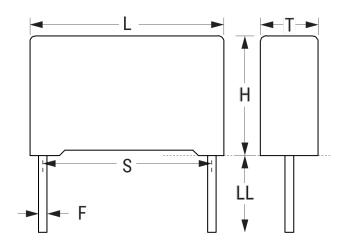


## **C4AF9BU4100T1WK**

C4AF, Film, Metallized Polypropylene, Power, 1 uF, 10%, 310 VAC, 630 VDC,  $85^{\circ}$ C, 27.5mm



Click here for the 3D model.

Dimensions	
L	31.5mm +0.5/-0.7mm
Н	20mm +0.2/-0.7mm
Т	11mm +0.3/-0.7mm
S	27.5mm +/-0.4mm
LL	6mm +0/-2mm
F	0.8mm +/-0.05mm

Packaging Specifications		
Packaging	Bulk, Box	
Packaging Quantity	256	

General Information		
Series	C4AF	
Dielectric	Metallized Polypropylene	
Style	Radial	
Features	Harsh Environmental Conditions	
RoHS	Yes	
Lead	Wire Leads	
Qualifications	AEC-Q200, IEC61071, EN61071, VDE0560	
AEC-Q200	Yes	
Typical Component Weight	8.1g	
Miscellaneous	Rth = 44 C/W.	

Specifications	
Capacitance	1uF
Capacitance Tolerance	10%
Voltage AC	310 VAC
Voltage DC	630 VDC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Insulation Resistance	30 GOhms
Max dV/dt	45 V/us
ESR	20.8 mOhms
Ripple Current	4.5 Amps Irms (MAX), 45 Amps Ipkr
Inductance	17 nH (ESL)

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