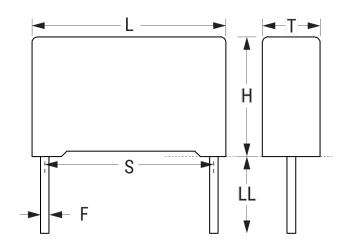


## **C4AF1BU4150A1WK**

Not for New Design

C4AF, Film, Metallized Polypropylene, Power, 1.5 uF, 10%, 500 VDC, 250 VAC,  $85^{\circ}\text{C}, 27.5\text{mm}$ 



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	8.1 g
Miscellaneous	Rth = 44 C/W.

Specifications		
Capacitance	1.5 uF	
Capacitance Tolerance	10%	
Voltage DC	500 VDC	
Voltage AC	250 VAC	
Temperature Range	-55/+105°C	
Rated Temperature	85°C	
Insulation Resistance	20 GOhms	
Max dV/dt	38 V/us	
ESR	15.6 mOhms	
Ripple Current	5.4 Amps Irms (MAX), 56 Amps Ipkr	
Inductance	24 nH (ESL)	

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.