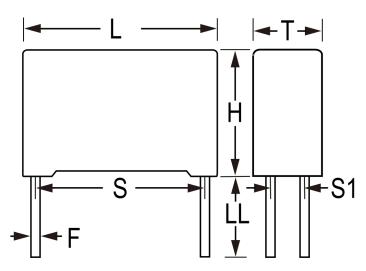


## **C4AF9EW5420T3BK**

C4AF, Film, Metallized Polypropylene, Power, 42 uF, 10%, 310 VAC, 630 VDC, 85°C, Lead Spacing = 52.5 mm



Click here for the 3D model.

Dimensions	
L	57.5mm +0.8/-0.7mm
Н	65mm +0.3/-0.7mm
Т	45mm +0.5/-0.7mm
S	52.5mm +/-0.4mm
S1	20.3mm +/-0.4mm
LL	6mm +0/-2mm
F	1.2mm +/-0.05mm

Packaging Specifications		
Packaging	Bulk, Box	
Packaging Quantity	18	

General Information		
Series	C4AF	
Dielectric	Metallized Polypropylene	
Style	Radial	
Features	Harsh Environmental Conditions	
RoHS	Yes	
Lead	4 Wire Leads	
Qualifications	AEC-Q200, IEC61071, EN61071, VDE0560	
AEC-Q200	Yes	
Component Weight	228 g	
Miscellaneous	Rth = 7 C/W.	

Specifications		
Capacitance	42 uF	
Capacitance Tolerance	10%	
Voltage AC	310 VAC	
Voltage DC	630 VDC	
Temperature Range	-55/+105°C	
Rated Temperature	85°C	
Insulation Resistance	710 MOhms	
Max dV/dt	21 V/us	
Resistance	2.6 mOhms	
Ripple Current	34.5 Amps Irms (MAX), 882 Amps Ipkr	
Inductance	19 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.