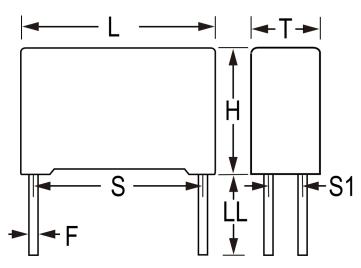


C4AF9EW5500F3BK

C4AF, Film, Metallized Polypropylene, Power, 50 uF, 10%, 630 VDC, 310 VAC, $85^{\circ}\text{C}, 52.5\text{mm}$



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
Typical Component Weight	224 g
Miscellaneous	Rth = 7 C/W.

Specifications				
Capacitance	50 uF			
Capacitance Tolerance	10%			
Voltage DC	630 VDC			
Voltage AC	310 VAC			
Temperature Range	-55/+105°C			
Rated Temperature	85°C			
Insulation Resistance	600 MOhms			
Max dV/dt	10 V/us			
ESR	50 mOhms			
Ripple Current	29.4 Amps Irms (MAX), 500 Amps Ipkr			
Inductance	24.7 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.