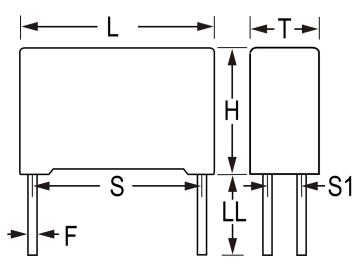


## **C4AF9EW5375A3AK**

Not for New Design

C4AF, Film, Metallized Polypropylene, Power, 37.5 uF, 10%, 310 VAC, 630 VDC, 85°C, Lead Spacing = 52.5mm



Click here for the 3D model.

Dimensions		
L	57.5mm +0.8/-0.7mm	
Н	56mm +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	184 g		
Miscellaneous	Rth = 8 C/W.		

Specifications				
Capacitance	37.5 uF			
Capacitance Tolerance	10%			
Voltage AC	310 VAC			
Voltage DC	630 VDC			
Temperature Range	-55/+105°C			
Rated Temperature	85°C			
Insulation Resistance	800 MOhms			
Max dV/dt	21 V/us			
Resistance	2.8 mOhms			
Ripple Current	30.9 Amps Irms (MAX), 788 Amps Ipkr			
Inductance	41 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.