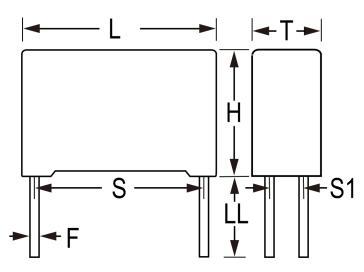


C4AF1EW5470A3AK

Not for New Design

C4AF, Film, Metallized Polypropylene, Power, 47 uF, 10%, 250 VAC, 500 VDC, 85°C, Lead Spacing = $52.5 \, \text{mm}$



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	170.7 g
Miscellaneous	Rth = 8 C/W.

Specifications			
Capacitance	47 uF		
Capacitance Tolerance	10%		
Voltage AC	250 VAC		
Voltage DC	500 VDC		
Temperature Range	-55/+105°C		
Rated Temperature	85°C		
Insulation Resistance	640 MOhms		
Max dV/dt	18 V/us		
Resistance	2.8 mOhms		
Ripple Current	32 Amps Irms (MAX), 837 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.