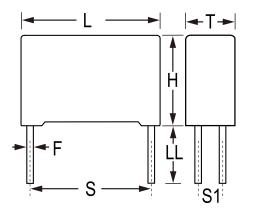
KEMET Part Number: C4AF9BW5100A3JK



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



Dimensions	
L	42mm +0.6mm
Н	37mm +0.2mm
Т	28mm +0.4mm
S	37.5mm +/-0.4mm
S1	10.2mm +/-0.4mm
LL	6mm +0/-2mm
F	1.2mm +/-0.05mm

Packaging Specifications		
Packaging:	Bulk, Box	
Packaging Quantity:	36	

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	
Miscellaneous:	Rth = 15 C/W.	

Specifications		
Capacitance:	10 uF	
Capacitance Tolerance:	10%	
Voltage AC:	310 VAC	
Voltage DC:	630 VDC	
Temperature Range:	-55/+105°C	
Rated Temperature:	85°C	
Dissipation Factor:	0.07% MAX	
Insulation Resistance:	3 MOhms	
Max dV/dt:	32 V/us	
Resistance:	4.2 mOhms	
Ripple Current:	16.6 Amps Irms (MAX), 320 Amps Ipkr	
Inductance:	29 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.

