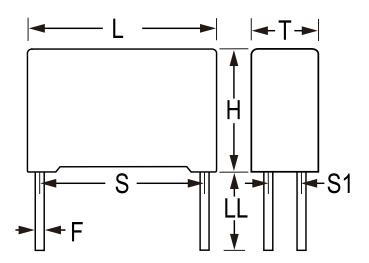




C4AF, Film, Metallized Polypropylene, Power, 10 uF, 10%, 1,000 VDC, 500 VAC, $85^{\circ}\mathrm{C}, 52.5~\mathrm{mm}$



Click here for the 3D mo	odel.
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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	138 g
Miscellaneous	Rth = 10 C/W.

Dimensions	
L	57.5mm +0.8/-0.7mm
Н	50mm +0.3/-0.7mm
Т	35mm +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	23

Specifications	
Capacitance	10 uF
Tolerance	10%
Voltage DC	1000 VDC
Voltage AC	500 VAC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Insulation Resistance	3 GOhms
Max dV/dt	18 V/us
ESR	10 mOhms
Ripple Current	16.9 Amps Irms (MAX), 180 Amps Ipkr
Inductance	19.5 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.

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