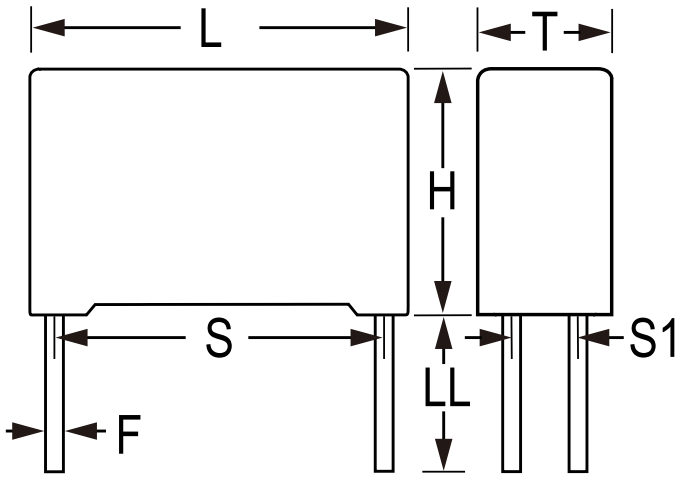
C4AFAEW5180F3BK

C4AF, Film, Metallized Polypropylene, Power, 18 uF, 10%, 1,000 VDC, 500 VAC, 85°C, 52.5 mm



Click here for the 3D model.

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

Dimensions	
L	57.5mm +0.8/-0.7mm
H	65mm +0.3/-0.7mm
T	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

Specifications	
Capacitance	18 uF
Tolerance	10%
Voltage DC	1000 VDC
Voltage AC	500 VAC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Insulation Resistance	1.67 GOhms
Max dV/dt	18 V/us
ESR	5.4 mOhms
Ripple Current	24.1 Amps Irms (MAX), 324 Amps Ipkr
Inductance	24.7 nH (ESL)

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