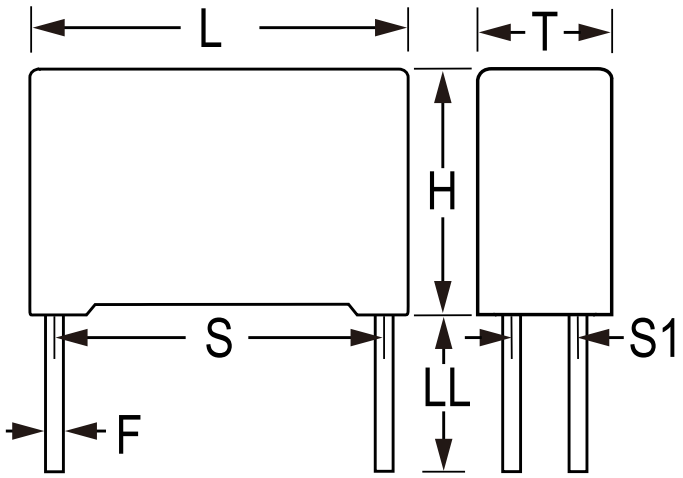
C4AFBBW4600F3NK

C4AF, Film, Metallized Polypropylene, Power, 6 uF, 10%, 1,200 VDC, 600 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
REACH	SVHC (DBDPE -CAS 84852-53-9)
Lead	4 Wire Leads
Qualifications	AEC-Q200, IEC61071, EN61071, VDE0560
Typical Component Weight	138.6 g
Miscellaneous	Rth = 10 C/W.

Dimensions	
L	57.5mm +0.8/-0.7mm
H	50mm +0.3/-0.7mm
T	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	6 uF
Tolerance	10%
Voltage DC	1200 VDC
Voltage AC	600 VAC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Insulation Resistance	5 GOhms
Max dV/dt	20 V/us
ESR	11.3 mOhms
Ripple Current	14.7 Amps Irms (MAX), 120 Amps Ipkr
Inductance	19.5 nH (ESL)

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