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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
Typical Component Weight	103 g
Miscellaneous	$R_{th} = 13 \text{ C/W.}$

#### Dimensions

L	42mm +0.6/-0.7mm
H	50mm +0.2/-0.7mm
T	35mm +0.4/-0.7mm
S	37.5mm +/-0.4mm
S1	20.3mm +/-0.4mm
LL	6mm +0/-2mm
F	1.2mm +/-0.05mm

#### Specifications

Capacitance	6.8 uF
Tolerance	10%
Voltage DC	1000 VDC
Voltage AC	500 VAC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Insulation Resistance	4.41 GOhms
Max dV/dt	35 V/us
ESR	6.8 mOhms
Ripple Current	14.7 Amps Irms (MAX), 238 Amps Ipkr
Inductance	18.2 nH (ESL)

#### Packaging Specifications

Packaging	Bulk, Box
Packaging Quantity	30

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