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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	80 g
Miscellaneous	$R_{th} = 15 \text{ C/W}$

#### Dimensions

L	42mm +0.6/-0.7mm
H	45mm +0.2/-0.7mm
T	30mm +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	22 uF
Tolerance	10%
Voltage DC	500 VDC
Voltage AC	250 VAC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Insulation Resistance	1.36 GOhms
Max dV/dt	15 V/us
ESR	22 mOhms
Ripple Current	18.1 Amps Irms (MAX), 330 Amps Ipkr
Inductance	16.9 nH (ESL)

#### Packaging Specifications

Packaging	Bulk, Box
Packaging Quantity	36

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