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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	42.8 g
Miscellaneous	$R_{th} = 20 \text{ C/W.}$

**Dimensions**

L	42mm +0.6/-0.7mm
H	40mm +0.2/-0.7mm
T	20mm +0.4/-0.7mm
S	37.5mm +/-0.4mm
S1	10.2mm +/-0.4mm
LL	6mm +0/-2mm
F	1.2mm +/-0.05mm

**Specifications**

Capacitance	6.8 uF
Tolerance	10%
Voltage DC	630 VDC
Voltage AC	310 VAC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Insulation Resistance	4.41 GOhms
Max dV/dt	32 V/us
ESR	5.8 mOhms
Ripple Current	13.5 Amps Irms (MAX), 218 Amps Ipkr
Inductance	30 nH (ESL)

**Packaging Specifications**

Packaging	Bulk, Box
Packaging Quantity	58

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