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**General Information**

Series	C4AF
Dielectric	Metallized Polypropylene
Style	Radial
Features	Harsh Environmental Conditions
RoHS	Yes
Lead	Wire Leads
Qualifications	AEC-Q200, IEC61071, EN61071, VDE0560
Typical Component Weight	8.1 g
Miscellaneous	$R_{th} = 44 \text{ C/W.}$

**Dimensions**

L	31.5mm +0.5/-0.7mm
H	20mm +0.2/-0.7mm
T	11mm +0.3/-0.7mm
S	27.5mm +/-0.4mm
LL	6mm +0/-2mm
F	0.8mm +/-0.05mm

**Packaging Specifications**

Packaging	Bulk, Box
Packaging Quantity	256

**Specifications**

Capacitance	1 uF
Tolerance	10%
Voltage DC	630 VDC
Voltage AC	310 VAC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Insulation Resistance	30 GOhms
Max dV/dt	45 V/us
ESR	20.8 mOhms
Ripple Current	4.5 Amps Irms (MAX), 45 Amps Ipkr
Inductance	24 nH (ESL)

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