

C4AF, Film, Metallized Polypropylene, Power, 1 uF, 10%, 310 VAC, 630 VDC, 85°C, Lead Spacing = 27.5mm



General Information	
Series:	C4AF
Dielectric:	Metallized Polypropylene
Style:	Radial
Features:	Harsh Environmental Conditions
RoHS:	Yes
Lead:	Wire Leads
Qualifications:	AEC-Q200, IEC61071, EN61071, VDE0560
AEC-Q200:	Yes
Miscellaneous:	Rth = 44 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

Specifications	
Capacitance:	1 uF
Capacitance Tolerance:	10%
Voltage AC:	310 VAC
Voltage DC:	630 VDC
Temperature Range:	-55/+105°C
Rated Temperature:	85°C
Dissipation Factor:	0.07% MAX
Insulation Resistance:	30 MOhms
Max dV/dt:	45 V/us
Resistance:	20.8 mOhms
Ripple Current:	4.5 Amps Irms (MAX), 45 Amps Ipk
Inductance:	17 nH (ESL)

Packaging Specifications	
Packaging:	Bulk, Box
Packaging Quantity:	256