

ADC-CA Series

Advance DC link film capacitors are designed for UPS, Wind and Solar Inverter applications.

TECHNICAL DETAILS:

Capacitance Range	: 140 μ F to 700 μ F
Rated Voltage range	: Upto 1320 Vdc
Tolerance	: \pm 5%, \pm 10%
Dielectric	: Metallised Polypropylene Film
Casing	: Aluminium case with M12 bottom stud (Max Torque-12Nm) filled with thermosetting epoxy resin UL94V0
Terminals (2)	: Type CAF- Nickel / Tin Plated M6 Brass Internal thread -Max Torque-8Nm OR Type CAS -Nickel Plated Brass Screw terminals with Ceramic Bush - Max Torque -10Nm
Test voltage between terminals(10s)	: 1.3 x Vn DC
Insulation withstanding voltage between shorted terminals & case (60S)	: 2.5kVac, 50Hz
ESR	: As low as 0.7m Ω
Temperature Range	: -40°C to +85°C
Climatic Category	: 55/60/56
Standard reference	: IEC 61071
RoHS Compliance	: Yes
Protection	: Protected / Unprotected



Marking :

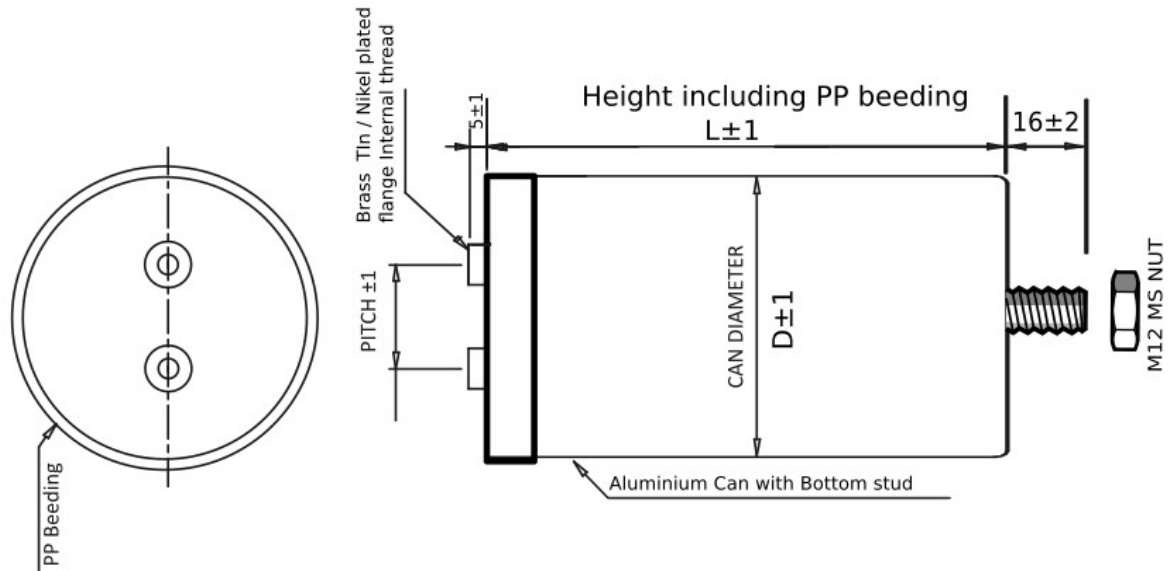
<p style="text-align: center;">ADVANCE ADC-CAx Value , Tolerance Voltage , Current Batch No / Date Mysore – India DISCHARGE BEFORE HANDLING</p>
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Standard Capacitor Range:

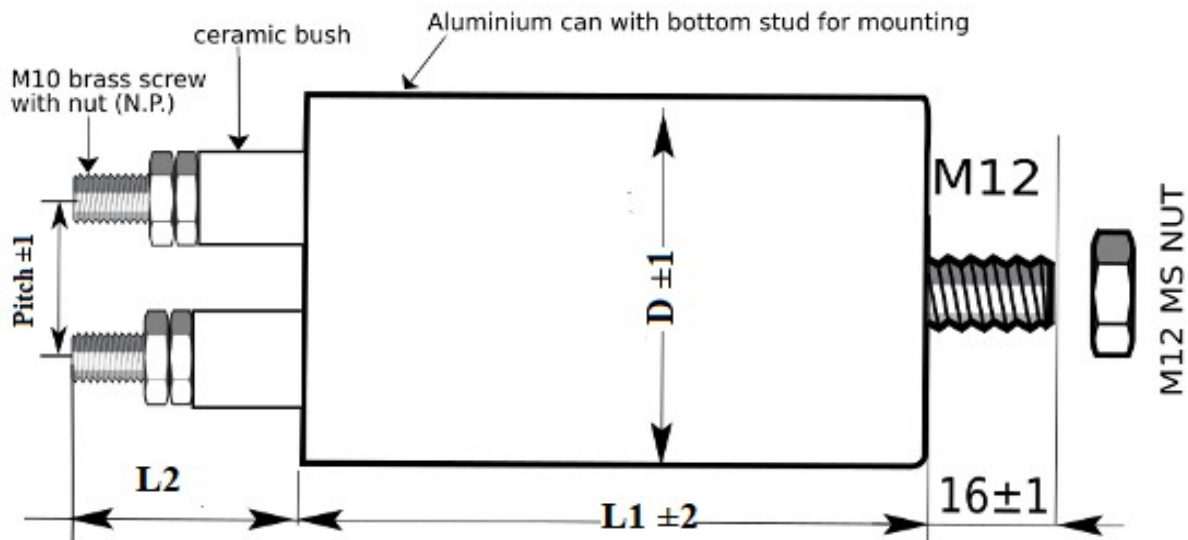
Rated DC voltage VDC	Capacitance @ 1kHz	Current Max A	Case Dimensions (mm) D x L1	Case Dimensions (mm) D x L1
			ADC-CAF	ADC-CAS
900	300 μ F	40	100 x 133	100 x 130
	360 μ F	40	116 x 133	116 x 130
	400 μ F	40	116 x 133	116 x 130
	430 μ F	40	116 x 133	116 x 130
	475 μ F	60	136 x 133	136 x 130
	495 μ F	60	136 x 133	136 x 130
	540 μ F	60	136 x 133	136 x 130
	630 μ F	60	136 x 133	136 x 130
	700 μ F	60	136 x 188	136 x 185
1320	140 μ F	25	116 x 98	116 x 95
	180 μ F	30	116 x 98	116 x 95
	200 μ F	40	116 x 98	116 x 95
	260 μ F	45	116 x 98	116 x 95
	290 μ F	50	116 x 98	116 x 95
	310 μ F	52	116 x 98	116 x 95
	330 μ F	55	136 x 95	136 x 95
	360 μ F	58	116 x 183	116 x 180
	390 μ F	62	116 x 183	116 x 180
	400 μ F	65	116 x 183	116 x 180
	440 μ F	70	116 x 183	116 x 180
	480 μ F	72	116 x 183	116 x 180
	560 μ F	75	136 x 183	136 x 180
	590 μ F	80	136 x 183	136 x 180
630 μ F	90	136 x 183	136 x 180	

TYPE 1 ADC-CAF

Standard available Pitch = 35 & 50 mm



TYPE 2 ADC-CAS



Standard available Pitch = 35 & 50 mm

Dimensional Drawing: All Dimensions are in mm , Not to scale

Note: Other Capacitance value and voltage ratings available are on request