

ADVANCE DC LINK CAPACITORS

ADC-CPF-4 Series

ADC-CPF-4 series is a brand new capacitors in the DC Link Product range. These capacitors are designed for latest models of Inverters with unique 4 terminal design to ensure low inductance . Integrated mounting clamp technology with 4 mounting holes are designed to withstand high shock and vibrations.



TECHNICAL DETAILS:

Capacitance Range : 30 μ F to 1600 μ F

Rated Voltage range: 500Vdc to 2400Vdc

Tolerance : $\pm 5\%$, $\pm 10\%$

Max RMS current : 410A

Dielectric : Metallised Polypropylene Film

Casing : FR grade PBT housing with integrated mounting clamp
end filled with thermosetting epoxy resin UL94V0

Terminals (4) : Nickel / Tin Plated Brass Flange with internal threading

ESR , typical : < 2m Ω

ESL, typical : < 10 nH

Temperature Range : -40°C to +105°C

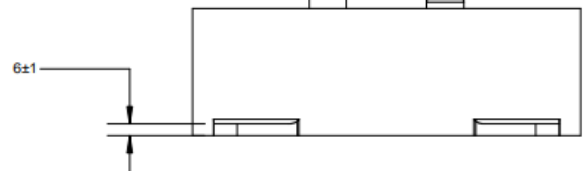
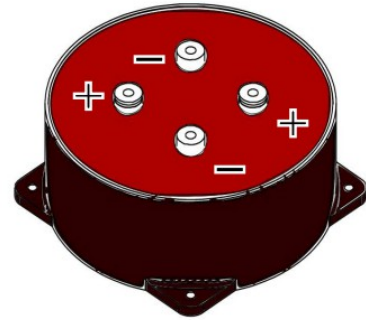
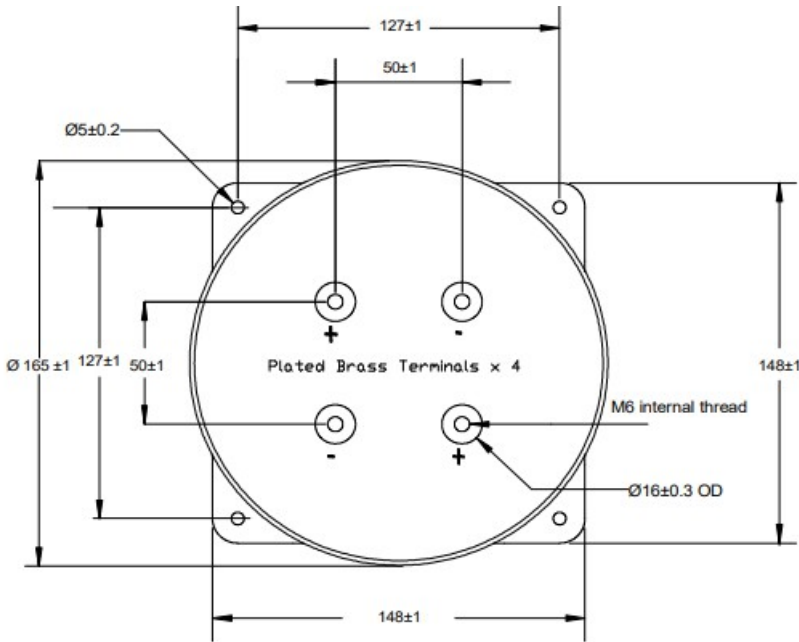
Standard reference : IEC 61071

Marking :

**ADVANCE
ADC-CPF-4
Value, Tolerance
Voltage, Current
Part Code
Mysore – India**

Dimensional Drawing in mm (not to scale)

ADC-CPF-4



ADVANCE COMPONENTS AND INSTRUMENTS PVT. LTD.

Mfrs. of PLASTIC FILM CAPACITORS & EMI NOISE FILTERS

Registered Office & Factory :
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ISO 9001 : 2015
ISO 13485 : 2016

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Standard Capacitor Range

RATED VOLTAGE VDC	CAP µF	H mm	dv/dt (v/us)	Ipk Amps	Rms Current (10kHz)			
					25°C	55°C	85°C	105°C
500	500	50	33	16400	410	325	210	50
	1100	75	12	13400	335	266	172	41
	1600	100	8	12000	300	238	154	37
600	400	50	40	16000	400	317	205	49
	850	75	15	12800	320	254	164	39
	1200	100	9	10800	270	214	138	33
750	320	50	48	15200	380	302	195	46
	650	75	18	11600	290	230	149	35
	950	100	11	10400	260	206	133	32
900	220	50	64	14000	350	278	179	43
	550	75	20	10800	270	214	138	33
	800	100	13	10000	250	198	128	30
1100	150	50	85	12800	320	254	164	39
	370	75	28	10400	260	206	133	32
	550	100	17	9200	230	183	118	28
1400	110	50	80	8820	290	230	149	35
	270	75	36	9600	240	190	123	29
	400	100	21	8400	210	167	108	26
1600	90	50	112	10080	290	230	149	35
	210	75	44	9200	230	183	118	28
	310	100	26	8000	200	159	103	24
1800	70	50	126	8820	270	214	138	33
	160	75	53	8400	210	167	108	26
	240	100	31	7400	185	147	95	23
2000	50	50	180	9000	280	222	144	34
	120	75	70	8400	210	167	108	26
	200	100	36	7200	180	143	92	22
2400	30	50	216	6480	225	179	115	27
	85	75	78	6630	190	151	97	23
	140	100	47	6600	165	131	85	20

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

Registered Office and Factory:

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