



Type CD71 Non-polar Aluminum Electrolytic Capacitors

Features and Applications:

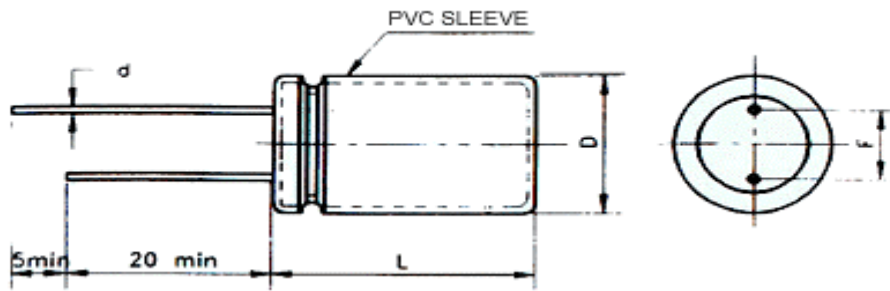
- Load life of 1,000 at 85°C
- Non-polar, suitable for crossover network high-pitched and low-pitched sounds in high-fidelity sound systems.
- Excellent frequency characteristics.
- Having safety vents.

Performance and Characteristics:

Item	Characteristics						
Operating temperature range	-40~+85°C						
Rated voltage range	16~160V						
capacitance range	0.1-470μF						
Capacitance tolerance (at 20°C, 120Hz)	±20%(M)[±*10%(k)is available at requests]						
Leakage current(I) (at 20°C)	After 1 minute application of rated voltage $I \leq 0.02 C_R U_R + 5\mu A$ Where C_R : Nominal capacitance in μF, U_R : Rated voltage in V .						
Dissipation factor($tg \delta$) (at 120Hz)	W.V.(v)	16	25	50	63	100	160
	$tg \delta$ (max)	0.16	0.14	0.10	0.10	0.10	0.10
Low temperature characteristics (at 120Hz)	W.V.(v)			25		50~100	
	Impedance ratio	Z-25°C/Z+20°C		2		2	
	ZT/Z+20°C (max.)	Z-40°C/Z+20°C		4		3	
Load life	The following specifications shall be satisfied when the capacitors are restored to 20°C after the rated voltage has been applied for 1,000 hours at 85°C with the polarity every 250 hours						
	Capacitance change	≤20% of the initial value					
	$tg\delta$	≤200% of the initial specified value					
	I	≤The initial specified value					
Shelf life	The following specifications shall be satisfied when the capacitors are restored to 20°C after exposing them at 85°C for 1,000 hours without voltage applied.						
	Capacitance change	≤20% of the initial value					
	$tg\delta$	≤150% of the initial specified value					
	I	≤200% of the initial specified value					
Others	Satisfies characteristic W of JIS C5141						

Type CD71 Bi-polar Aluminum Electrolytic Capacitors

Dimensions



D±0.5	5	6	8	10	12	13	16
F±0.5	2	2.5	3.5	5.0			7.5
d±0.05	0.5			0.6			0.8

Case Size D × L(mm) and Maximum Ripple current(mA/at 85 °C,120Hz)

W.V.(v)	16		25		50		63		100		160	
Cap.(μF)												
0.1					5×11	4	5×11	4				
0.22					5×11	5	5×11	5				
0.33					5×11	7	5×11	7				
0.47					5×11	8	5×11	8	5×11	8	5×11	8
1					5×11	11	5×11	11	6×11	12	6×11	12
2.2					5×11	17	5×11	17	8×12	22	8×12	22
3.3					5×11	21	5×11	21	8×12	27	8×14	29
4.7			5×11	21	5×11	25	5×11	25	8×14	35	10×16	42
10	5×11	28	5×11	30	6×11	39	6×11	39	10×20	68	10×20	68
22	5×11	42	5×11	45	8×12	70	8×12	70	10×20	100	13×25	130
33	5×11	52	6×11	60	8×12	85	8×12	85	12×20	135		
47	6×11	67	6×12	74	8×14	110	8×14	110	13×20	170		
100	6×11	110	8×12	125	10×16	190	10×20	215				
220	8×12	170	10×16	285	12×20	350	13×20	365				
330	10×16	280	10×20	330	13×20	450						
470	10×20	370	12×20	435	16×25	665						