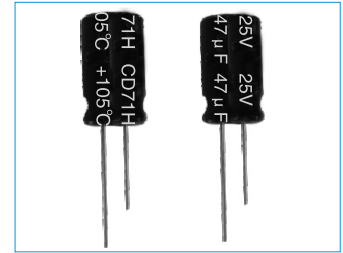


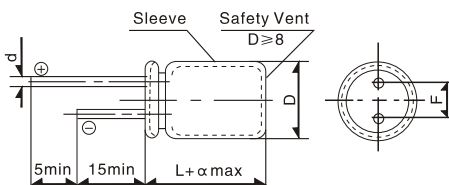
CD71H Series

- Bi-polarized and wide temperature, suited for use in polarity reverse and change circuits
- Load life of 1000 hours at 105°C
- Specifications



Item	Characteristics																														
Operating Temperature Range	-40°C ~ +105°C																														
Rated Voltage Range	6.3V~100V																														
Nominal Capacitance Range	0.47 µ F~2200 µ F																														
Capacitance Tolerance	M (± 20%) (20°C, 120Hz)																														
Leakage Current	$I \leq 0.03C_R U_R + 3 (\mu A)$. C _R : Nominal capacitance (µ F) U _R : Rated voltage(V) (20°C, after 4 minutes)																														
Dissipation Factor (Max)	<table border="1"> <thead> <tr> <th>U_R (V)</th> <th>6.3</th> <th>10</th> <th>16</th> <th>25</th> <th>35</th> <th>50</th> <th>63</th> <th>100</th> </tr> </thead> <tbody> <tr> <td>tan δ</td> <td>0.24</td> <td>0.24</td> <td>0.20</td> <td>0.20</td> <td>0.14</td> <td>0.12</td> <td>0.10</td> <td>0.09</td> </tr> </tbody> </table> <p>0.02 is added to every 1000 µ F increase over 1000 µ F. (20°C, 120Hz)</p>	U _R (V)	6.3	10	16	25	35	50	63	100	tan δ	0.24	0.24	0.20	0.20	0.14	0.12	0.10	0.09												
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Load Life	<p>After 1000 hours' application of rated voltage with rated ripple current at 105°C, reverse polarity every 250 hours, the capacitors shall meet the following requirement:</p> <table border="1"> <tbody> <tr> <td>Capacitance change</td> <td>Within ± 20% of the initial value .</td> </tr> <tr> <td>Dissipation factor</td> <td>Not more than 200% of the initial specified value.</td> </tr> <tr> <td>Leakage current</td> <td>Not more than the initial specified value.</td> </tr> </tbody> </table>	Capacitance change	Within ± 20% of the initial value .	Dissipation factor	Not more than 200% of the initial specified value.	Leakage current	Not more than the initial specified value.																								
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Dimensions



D	± 0.5			± 1.0							
	5	6.3	8	10		12.5		16			
L	11	11	11.5	12.5	16	20	20	25	25	31.5	35.5
F ± 0.5	2	2.5	3.5	5				7.5			
d ± 0.1	0.5			0.6				0.8			
α	1.5						2.0				

CD71H Series

■ Nominal capacitance, rated voltage, rated ripple current and case size table

U _R (V) Item C _R (μF)	6.3		10		16		25		35		50		63		100	
	D×L mm	I _r	D×L mm	I _r	D×L mm	I _r	D×L mm	I _r	D×L mm	I _r	D×L mm	I _r	D×L mm	I _r	D×L mm	I _r
0.47											5×11	6			5×11	7
1.0					5×11	7					5×11	9			5×11	11
2.2					5×11	11					5×11	15	5×11	16	6.3×11	18
3.3					5×11	13					5×11	18	6.3×11	22	8×11.5	26
4.7					5×11	16	5×11	18	5×11	20	6.3×11	24	6.3×11	26	8×11.5	31
10					5×11	24	6.3×11	29	6.3×11	32	8×11.5	40	8×11.5	43	10×16	59
22			5×11	33	6.3×11	44	8×11.5	51	8×11.5	54	10×12.5	66	10×16	83	12.5×20	107
33		30	6.3×11	48	8×11.5	62	8×11.5	62	10×12.5	75	10×16	93	10×20	114	12.5×20	132
47	6.3×11	44	6.3×11	58	8×11.5	75	10×12.5	83	10×16	103	10×20	124	12.5×20	149	12.5×25	176
100	8×11.5	89	8×11.5	97	10×12.5	122	10×16	140	10×20	168	12.5×25	222	12.5×25	243	16×31.5	324
220	10×12.5	147	10×16	186	10×20	233	12.5×20	255	12.5×25	305	16×25	380	16×31.5	456		
330	10×16	203	10×20	255	12.5×20	312	12.5×25	349	16×25	431	16×35.5	550				
470	10×20	278	12.5×20	333	12.5×25	416	16×25	481	16×31.5	563						
1000	12.5×25	496	16×25	627	16×25	702	16×35.5	830								
2200	16×31.5	894	16×35.5	1050												

↑ Rated ripple current (mA rms)(105°C,120Hz)