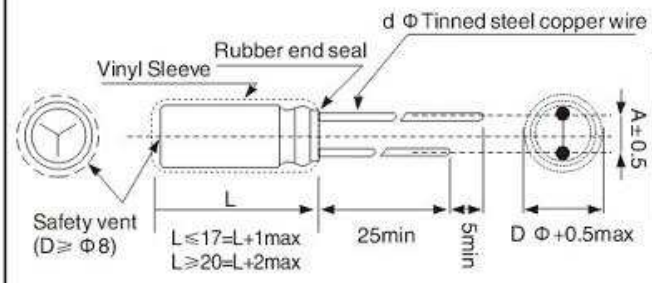
NP Series 無極性，標準品電容器，85℃
NP Series NON-POLARIZED STANDARD SIZE,85℃ CAPACITOR

- **Standard non-polar miniature type**
- **Endurance: 85℃ 2000 hours**

SPECIFICATIONS

Items	Characteristics
Category Temperature Range	−40 to + 85℃
Rated Voltage Range	6.3 to 100V dc
Capacitance Tolerance	± 20% (M) (at 25℃, 120Hz)
Leakage Current	I=0.003CV or 3 μ A, whichever is greater. (at 25℃ after 5minutes) Where, I: Max. Leakage current(μ A). C: Nominal capacitance(μ F). V: Rated voltage(V) (at 25℃)
Dissipation Factor (tan δ)	Rated voltage (Vdc): 6.3V | 10V | 16V | 25V | 35V | 50V | 63V | 80V | 100V Tan δ (Max.): 0.24 | 0.24 | 0.20 | 0.20 | 0.16 | 0.14 | 0.12 | 0.12 | 0.10 When nominal capacitance exceeds 1000 μ F, add 0.02 to the value above for each 1000 μ F increase (at 25℃, 120Hz)
Load.Life	The following specifications shall be satisfied when the capacitors are restored to 25℃ after the rated voltage is applied for 2000 hours at 85℃, however the polarization shall be reversed every 250 hours. Rated voltage: 6.3 to 100 Vdc Capacitance change: ≤ ± 25% of the initial value DF(tan δ): ≤150% of the initial specified value Leakage current: ≤The initial specified value
Shelf.Life	The following specifications shall be satisfied when the capacitors are restored to 25℃ after exposing them for 500 hours at 85℃ without voltage applied Rated voltage: 6.3 to 100 Vdc Capacitance change: ≤ ± 25% of the initial value DF(tan δ): ≤150% of the initial specified value Leakage current: ≤The initial specified value

Diagram: (Unit: mm)



Boby Dia Φ D	4	5	6	8	10	13	16
Lead Dia Φ d	0.45	0.5	0.5	0.5	0.6	0.6	0.8
Lead Space A	1.5	2.0	2.5	3.5	5.0	5.0	7.5

NP Series 無極性，標準品電容器，85℃
NON-POLARIZED STANDARD SIZE,85℃ CAPACITOR

SPANDARD RATINGS

μF \ Vdc	6.3		10		16		25		35		50		63		80		100	
0.47											5*11	11	5*11	12	5*11	13	5*11	14
1.0											5*11	17	5*11	18	5*11	19	5*11	21
2.2											5*11	25	5*11	26	5*11	29	6.3*11	34
3.3											5*11	27	5*11	28	6.3*11	39	6.3*11	39
4.7											5*11	34	6.3*11	34	6.3*11	47	6.3*11	47
10									5*11	43	6.3*11	52	6.3*11	57	8*12	65	8*12	71
22					5*11	57	6.3*11	65	6.3*11	73	8*12	89	8*12	89	10*17	125	10*17	135
33					5*11	70	6.3*11	80	8*12	100	8*12	105	10*12.5	135	10*17	150	13*20	220
47			5*11	76	6.3*11	95	6.3*11	95	8*12	120	10*12.5	150	10*17	180	10*20	195	13*20	240
100	6.3*11	125	6.3*11	125	8*12	160	8*12	160	10*17	230	10*20	265	13*20	320	13*25	350	16*25	425
220	8*12	215	8*12	215	10*12.5	275	10*17	305	13*20	410	13*25	480	16*25	575	16*32	615	18*36	720
330	8*12	265	10*17	345	10*17	375	13*20	450	13*20	505	16*25	650	16*32	655	18*36	755		
470	10*12.5	370	10*17	410	10*20	485	13*20	540	13*25	655	16*32	835	18*36	965				

Case sizh Φ D x L(mm)

Rated ripple current (mArms) at 85℃,120Hz