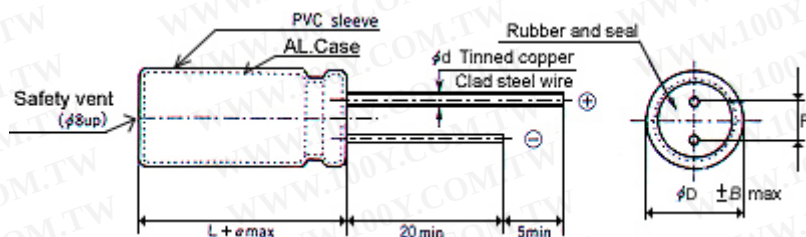


Item	Characteristics													
Operating Temperature Range	-40~+105°C							-25~+105°C						
Rated Working Voltage Range	10V~100V DC							160V~450V DC						
Capacitance Tolerance (120Hz, 25°C)	±20%(M)													
Leakage Current (25°C)	10V~100V DC							160V~450V DC						
	$I \leq 0.02CV$ or 3(μA)							$I \leq 0.03CV$ or +40(μA)						
	I : Leakage Current (μA) C : Rated Capacitance (μF) V : Working Voltage (V) After 5 minutes applying the DC working voltage													
Surge Voltage (25°C)	W.V.	10	16	25	35	50	63	100	160	200	250	350	400	450
	S.V.	13	20	32	44	63	79	125	200	250	300	400	450	500
Dissipation Factor (120Hz, 25°C) (Tan. θ)	W.V.	10	16	25	35	50	63	100	160	200	250	350	400	450
	Tan. θ	0.20	0.17	0.15	0.12	0.10	0.10	0.20	0.20	0.20	0.20	0.20	0.24	0.24
	For capacitance exceeding 1000 μF, add 0.02 per increment of 1000 μF													
Temperature Characteristics	W.V.	10	16	25	35	50	63	100	160	200	250	350	400	450
	-25°C/+25°C	4	3	3	2	2	2	2	8	8	8	12	15	16
	-40°C/+25°C	8	6	4	3	3	3	3	6	8	10	-	-	-
Impedance ration at 120Hz														
Load Test	After 1000 hours application of W.V. at +105°C the capacitor shall meet the following limits													
	Capacitance change							$\leq \pm 20\%$ of initial value						
	Tan. θ							$\leq 150\%$ of initial specified value						
	Leakage current							$\leq$ initial specified value						
Shelf Test	After 500 hours application of W.V. at +105°C the capacitor shall meet the following limits													
	Capacitance change							$\leq \pm 20\%$ of initial value						
	Tan. θ							$\leq 200\%$ of initial specified value						
	Leakage current							$\leq 200\%$ of initial specified value						

GR

Dimensions

勝特力材料 886-3-5753170
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[Http://www.100y.com.tw](http://www.100y.com.tw)



$$L \leq 16 \rightarrow \alpha = 1 \quad \phi D \leq 10 \rightarrow \beta = 0.5$$

$$L > 16 \rightarrow \alpha = 2 \quad \phi D > 10 \rightarrow \beta = 1.0$$

Unit (mm)

D	5	6	8	10	13	16	18	22	25
F±0.5	2	2.5	3.5	5	5	7.5	7.5	10	12.5
d±0.02	0.5	0.5	0.5	0.6	0.6	0.8	0.8	0.8	1.0

DxL (m/m)

μF/WV	10		16		25		35		50		63		100	
0.47									5x11	8	5x11	8	5x11	10
1	Dimension: $\varnothing$ DxL(mm)								5x11	12	5x11	12	5x11	14
2.2	Ripple Current:mA (rms) at 120Hz 105°C								5x11	18	5x11	20	5x11	22
3.3									5x11	23	5x11	24	5x11	27
4.7									5x11	27	5x11	29	5x11	34
10			5x11	40	5x11	40	5x11	40	5x11	40	5x11	48	6x12	58
22	5x11	48	5x11	48	5x11	48	5x11	59	5x11	62	6x12	81	8x12	100
33	5x11	56	5x11	58	5x11	65	5x11	69	6x12	88	6x12	99	8x12	135
47	5x11	60	5x11	73	5x11	77	5x11	105	6x12	115	8x12	138	10x15	150
100	5x11	98	5x11	102	6x12	140	8x12	205	8x12	252	10x16	280	10x21	300
220	6x12	170	6x12	220	8x12	260	8x12	305	10x16	320	10x17	394	13x26	505
330	6x12	243	8x12	250	8x12	320	10x16	350	10x21	415	10x21	505	16x32	660
470	6x12	315	8x12	385	8x14 10x12.5	420	10x15	530	10x21	640	13x21	715	16x32	875
1000	8x14	480	10x15	615	10x21 10x15	760	13x16 13x21	820	13x26 16x26	955	16x26	1150	18x42 20x36	1350
2200	10x17 10x21	940	10x21 13x21	1000	13x21	1050	16x26	1165	16x36 16x32	1680	18x36 22x36	1980		

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μF/WV	160		200		250		350		400		450	
0.47	6x12	10	5x11	10	6x12	10	6x12	10	6x12	10	6x12	10
1	5x11	10	6x12	10	6x12	11	8x12	12	8x12	13	8x12	13
2.2	6x12	16	8x12	16	8x12	21	8x12	21	8x12	32	10x12	32
3.3	8x12	26	8x12	26	8x12	26	10x15	26	10x15	33	10x15	33
4.7	8x12	29	8x12	29	8x12 10x12	29	10x17	29	10x17	52	10x21	52
10	10x12	44	10x15	48	10x15	80	10x17	84	10x17	86	13x21	90
22	10x15	78	10x21	78	10x21 13x26	86	13x21	86	13x21	86	13x26	91
33	10x21	105	13x21	116	13x21	116	13x26	116	13x26 16x26		16x33	
47	10x21	175	13x21 10x26	238	13x21	238	16x26		16x32 16x26		18x36	
100	16x26	410	16x26	460	16x32 16x36	460	18x36 22x36		18x42			
220	18x36	515	18x36	585	22x40							