

**■ SS特性FEATURE**

- \* 壽命: 105°C 1000小時 Life time:105°C 1000 hours
- \* 7mm高超小型品 Super miniature series with 7 mm height
- \* 適用於高密度裝配 Ideally suited for high-density assembly

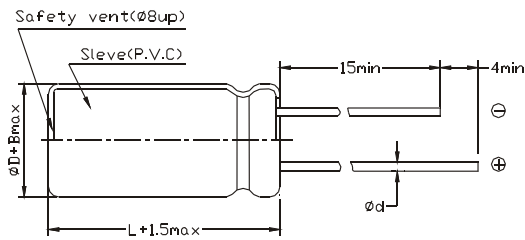

**■ 特性表SPECIFICATIONS**

項目Item	主要特性Performance Characteristics						
額定電壓範圍 Rated Voltage Range	6.3V.DC ~ 50V.DC						
使用溫度範圍 Operating Temperature Range	-40°C ~ +105°C						
標稱靜電容量範圍 Nominal Capacitance Range	0.1 µF ~ 330 µF						
靜電容量允許偏差 Capacitance Tolerance	± 20%(M, +20°C, 120Hz)						
漏電流 Leakage Current	施加額定電壓2分鐘: $I < 0.01CV$ 或 $3\mu A$ (取較大者) 20°C After application of rated voltage for 2 minutes: $I < 0.01CV$ or $3\mu A$ (Whichever is greater) 20°C C: 標稱靜電容量 (µF) C: Nominal Capacitance in µF; V: 額定工作電壓 (V) V: Rated Working Voltage in V						
損耗角正切值(tan δ) Dissipation Factor	額定工作電壓(V) Rated Working Voltage	6.3	10	16	25	35	50
	tan δ (MAX) (20°C, 120Hz)	0.24	0.20	0.16	0.14	0.12	0.10
溫度特性 Temperature Stability	額定工作電壓(V) Rated Working Voltage	6.3	10	16	25	35	50
	阻抗比(120Hz) Impedance Ratio(120Hz)	(Z-25°C/z+20°C) 3	2	2		3	
高溫負荷特性 Load Life	在+105°C環境中施加工作電壓和最大允許紋波電流1000小時後，電容器的性能符合下表要求： After applying rated voltage for 1000 hours at +105°C, Capacitors meet the characteristics requirements measured at +20°C listed below;						
	靜電容量變化 Capacitance Change	初始測量值的 ± 25% 以內 Within ± 25% of the initial measured value					
	漏電流 Leakage current	不大于初始規定值 Less than the initial specified value					
高溫貯存特性 Shelf Life	損耗角正切值 Tan δ	不大于初始規定值的200% Less than 200% the initial specified value					
	在+105°C環境中無負荷放置1000小時後，電容器的性能符合高溫負荷特性中所列的規定值 After leaving capacitors under no load at +105°C for 1000 hours, capacitors meet the characteristics listed above						

- \* 紋波倍乘因子MULTIPLIER FOR RIPPLE CURRENT
- \* 頻率因子Frequency coefficient

Freq(Hz) Cap(µF)	50(60)	100(120)	500	1K	≥10K
0.1 ~ 1.5	0.50	1.00	1.20	1.30	1.50
2.2 ~ 6.8	0.65	1.00	1.20	1.30	1.50
10 ~ 68	0.80	1.00	1.20	1.30	1.50
100 ~ 330	0.80	1.00	1.10	1.15	1.20

• 外形圖及尺寸表 CASE SIZE TABLE



$\phi D$	4	5	6.3	8
$F \pm 0.5$	1.5	2.0	2.5	3.5
$\phi d \pm 0.1$	0.45		0.5	

• SS 尺寸、額定電壓及標稱容量

DIMENSIONS, RATED VOLTAGE AND CAPACITANCE

WV(v) Cap(μF)	6.3(LA)		10(LB)		16(LC)		25(LD)		35(LE)		50(LF)	
	(1)	(2)	(1)	(2)	(1)	(2)	(1)	(2)	(1)	(2)	(1)	(2)
0.1(R10)											4×7	1
0.15(R15)											4×7	1.5
0.22(R22)											4×7	2.5
0.33(R33)											4×7	3.5
0.47(R47)											4×7	5
0.68(R68)											4×7	7
1(1R0)											4×7	10
1.5(1R5)											4×7	13
2.2(2R2)											4×7	19
3.3(3R3)											4×7	21
4.7(4R7)					4×7	15	4×7	19	4×7	21	(4×7) 5×7	(21) 29
6.8(6R8)					4×7	21	4×7	25	4×7	27	5×7	31
10(100)					4×7	27	(4×7) 5×7	(25) 33	(4×7) 5×7	(27) 32	(5×7) 6.3×7	(31) 42
15(150)					4×7	33	5×7	40	5×7	43	6.3×7	53
22(220)	4×7	34	(4×7) 5×7	(27) 38	(4×7) 5×7	(33) 41	(5×7) 6.3×7	(40) 51	(5×7) 6.3×7	(43) 53	6.3×7	60
33(330)	(4×7) 5×7	(34) 42	(4×7) 5×7	(38) 47	(5×7) 6.3×7	(41) 60	(5×7) 6.3×7	(51) 65	6.3×7	72	8×7	75
47(470)	(4×7) 5×7	(42) 50	(5×7) 6.3×7	(47) 65	(5×7) 6.3×7	(60) 70	(6.3×7) 8×7	(65) 77	(6.3×7) 8×7	(72) 81		
68(680)	5×7	57	(5×7) 6.3×7	(65) 77	6.3×7	80	(6.3×7) 8×7	(77) 83	8×7	90		
100(101)	(5×7) 6.3×7	(57) 77	(5×7) 6.3×7	(77) 87	(6.3×7) 8×7	(90) 107	8×7	114				
150(151)	6.3×7	80	6.3×7	94	8×7	114						
220(221)	(6.3×7) 8×7	(80) 110	(6.3×7) 8×7	(94) 110	8×7	140						
330(331)	8×7	150	8×7	150								

→ 最大允許紋波電流 Max allowable ripple current (mA r.m.s./105°C.120Hz)

→ 外形尺寸 Case Size D × L(mm)

\*括號內尺寸為非常規品，需特別做

The size in parenthesis is not normal, must be produced specially.