

### Aluminum Electrolytic Capacitors

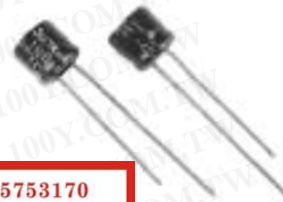
#### H5 Series

- Super miniature product.
- Suitable for pocket electronic equipments, such as : portable computer, pocket recorder etc.

- 超小型產品
- 適用於手提電腦、隨身聽等袖珍型電子設備。

#### • SPECIFICATION

勝特力材料 886-3-5753170  
 勝特力电子(上海) 86-21-54151736  
 勝特力电子(深圳) 86-755-83298787  
[Http://www.100y.com.tw](http://www.100y.com.tw)



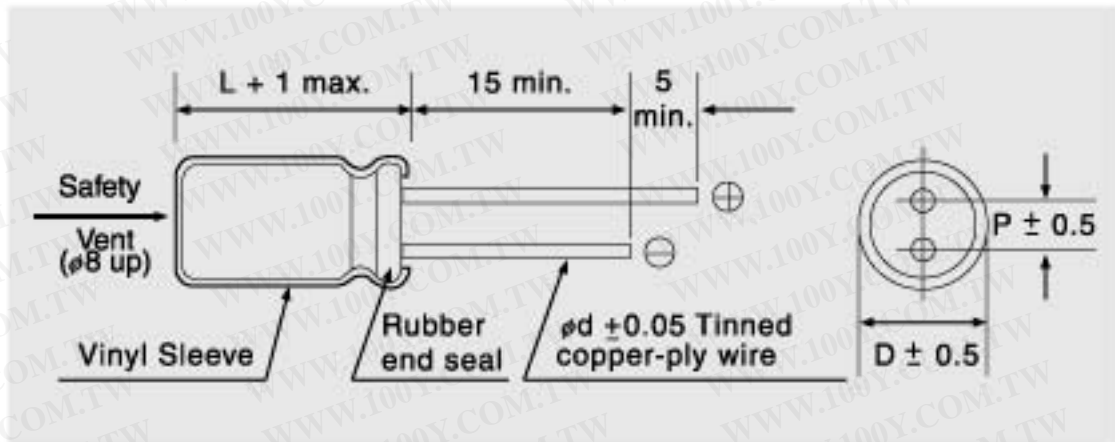
Item	項目	Character	特性						
Capacitance Tolerance	容量容許差	±20% (120Hz, 20°C)							
Operating temperature Range	適用溫度範圍	-40°C~+105°C							
Voltage Range	工作電壓範圍	4V~50V							
Leakage Current	洩漏電流	I ≤ 0.01CV or 3(μA), which is greater. (After 2 minutes application of working voltage)							
Dissipation Factor	散逸因素 (損失角) (tan δ)	Measurement Frequency: 120 Hz. Temperature: 20°C							
		Rate Voltage (V)	4	6.3	10	16	25	35	50
		tan δ (MAX)	0.35	0.24	0.20	0.17	0.15	0.12	0.10
Low Temperature Stability	低溫特性 Impedance Ratio 阻抗比率 (MAX)	Measurement Frequency: 120 Hz.							
		Rate Voltage (V)	4	6.3	10	16	25	35	50
		Z(-25°C) / Z(20°C)	7	6	4	4	3	2	2
		Z(-40°C) / Z(20°C)	15	12	10	8	6	4	4
Load Life	負荷壽命	1000 hours, with application of working voltage at 105°C							
		Capacitance Change	Within ±25% of Inital Value						
		tan δ	200% or less of Inital Specified Value						
		Leakage Current	Inital Specified Value or less						
Shelf Life	放置壽命	500 hours, no voltage applied, at 105°C							
		Capacitance Change	Within ±25% of Inital Value						
		tan δ	200% or less of Inital Specified Value						
		Leakage Current	Inital Specified Value or less						
Standards	標準參照	JIS C 5141 and JIS C 5102							

#### • RIPPLE CURRENT COEFFICIENTS

Temperature Multipiles		
TEMP(°C)	85	105
Coefficient	1.75	1.00

Frequency coefficient of allowable ripple current				
Cap(μF)	Frequency (Hz)			
	50	120	1k	≥10k
< 100	0.80	1.00	1.30	1.50
≥ 100	0.80	1.00	1.15	1.20

• DIMENSIONS(mm)



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ø D	4	5	6.3
P	1.5	2.0	2.5
ø d	0.45	0.45	0.45

• DIMENSIONS

D x L(mm); R.C:(mA rms) at 105°C, 120Hz.

Cap (μ F)	WV (SV) Item	4 (5)		6.3 (8)		10 (13)		16 (20)	
		D x L	R.C.	D x L	R.C.	D x L	R.C.	D x L	R.C.
10						4 x 5	16	4 x 5	18
22		4 x 5	20	4 x 5	21	5 x 5	27	5 x 5	30
33		4 x 5	28	5 x 5	29	5 x 5	34	6.3 x 5	45
47		5 x 5	33	5 x 5	34	6.3 x 5	46	6.3 x 5	52
100		6.3 x 5	50	6.3 x 5	55				

Cap (μ F)	WV (SV) Item	25 (32)		35 (44)		50 (63)	
		D x L	R.C.	D x L	R.C.	D x L	R.C.
0.1						4 x 5	1.0
0.22						4 x 5	2.0
0.33						4 x 5	3.0
0.47						4 x 5	4.0
1.0						4 x 5	7.2
2.2						4 x 5	12
3.3						4 x 5	14
4.7		4 x 5	13	4 x 5	16	5 x 5	18
10		5 x 5	22	5 x 5	25	6.3 x 5	28
22		6.3 x 5	42	6.3 x 5	46		
33		6.3 x 5	48				