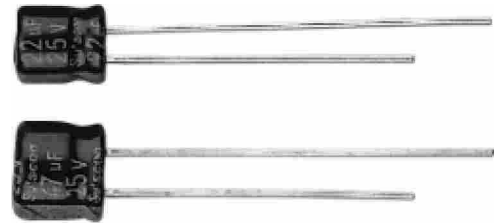


H5 series

- Super miniature product.
- Suitable for pocket electronic equipments, such as: portable computer, pocket recorder etc.
- With 5mm height.
- 超小型產品。
- 適用於小型電子設備。
- 高度為5mm。



SPECIFICATIONS

Items 項目	Characteristics 特性							
Capacitance Tolerance 靜電容量誤差	± 20% (120Hz, 20°C)							
Operating Temperature Range 適用溫度範圍	-40 ~ +105°C							
Rated Voltage Range 工作電壓範圍	4 ~ 50V							
Leakage Current 洩漏電流	$I \leq 0.01CV$ or $3 (\mu A)$, which is greater. (After 2 minutes application of working voltage)							
Dissipation Factor 散逸因素 (tan δ)	Measurement Frequency: 120Hz. Temperature: 20°C							
	Rated Voltage (V)	4	6.3	10	16	25	35	50
	tan δ (Max)	0.35	0.24	0.20	0.16	0.15	0.14	0.13
Low Temperature Stability 低溫特性 Impedance Ratio (Max) 阻抗比率 (最大值)	Measurement Frequency: 120Hz.							
	Rated Voltage (V)	4	6.3	10	16	25	35	50
	Z (-25°C) / Z (20°C)	6	3	3	2	2	2	2
	Z (-40°C) / Z (20°C)	12	8	5	4	3	3	3
Load Life 負荷壽命	1,000hours, with application of working voltage at 105°C							
	Capacitance Change	Within ± 20% of Initial Value						
	tan δ	200% or less of Initial Specified Value						
	Leakage Current	Initial Specified Value or less						
Shelf Life 放置壽命	1,000hours, no voltage applied, at 105°C. After Test: U_R to be applied for 30 minutes, 24 to 48hours before measurement.							
	Capacitance Change	Within ± 20% of Initial Value						
	tan δ	200% or less of Initial Specified Value						
	Leakage Current	Initial Specified Value or less						
Standards 參照標準	JIS C 5101-4-1 and JIS C 5101-2							

PERMISSIBLE RIPPLE CURRENT

Temperature Coefficient

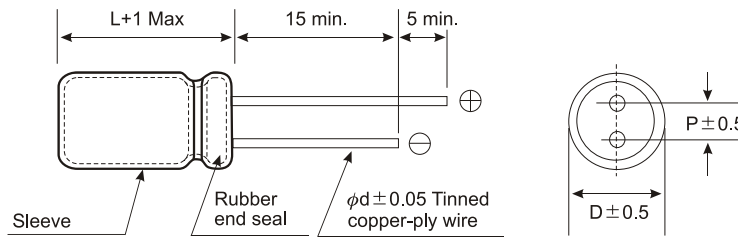
TEMP (°C)	85	105
Coefficient	1.75	1.00

Frequency Coefficient

Capacitance (μF)	Frequency (Hz)			
	50	120	1K	$\geq 10K$
< 100	0.80	1.00	1.30	1.50
≥ 100	0.80	1.00	1.15	1.20

H5 series

DIMENSIONS (mm)



ϕD	3	4	5	6.3	8
P	1.0	1.5	2.0	2.5	2.5
ϕd	0.4	0.45	0.45	0.45	0.45

STANDARD RATINGS

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

Cap (μF)	WV(V) (Code)	4 (0G)		6.3 (0J)		10 (1A)		16 (1C)	
		Item	D x L	R.C.	D x L	R.C.	D x L	R.C.	D x L
10						4 x 5	16	4 x 5	18
22		4 x 5	20	4 x 5	21	4 x 5	25	4 x 5	33
33		5 x 5	28	5 x 5	29	5 x 5	34	5 x 5	44
47		5 x 5	33	5 x 5	34	6.3 x 5	46	6.3 x 5	52
100		6.3 x 5	60	6.3 x 5	66	6.3 x 5	77	8 x 5	93
150		6.3 x 5	67	6.3 x 5	75	8 x 5	100	8 x 5	115
220		8 x 5	95	8 x 5	115	8 x 5	125		

Cap (μF)	WV(V) (Code)	25 (1E)		35 (1V)		50 (1H)		
		Item	D x L	R.C.	D x L	R.C.	D x L	R.C.
0.1						4 x 5 (3 x 5)	1.0 (0.8)	
0.22						4 x 5 (3 x 5)	2.0 (1.8)	
0.33						4 x 5 (3 x 5)	3.0 (2.8)	
0.47						4 x 5 (3 x 5)	3.7 (3.5)	
1						4 x 5 (3 x 5)	6.2 (6.0)	
2.2					3 x 5	7.6	4 x 5 (3 x 5)	10 (9.0)
3.3					4 x 5	11	4 x 5	14
4.7		4 x 5	13	4 x 5	16	5 x 5	18	
10		4 x 5	22	5 x 5	25	6.3 x 5	28	
22		6.3 x 5	38	6.3 x 5	46	6.3 x 5	59	
33		6.3 x 5	48	6.3 x 5	50	8 x 5	65	
47		6.3 x 5	58	8 x 5	69	8 x 5	78	