

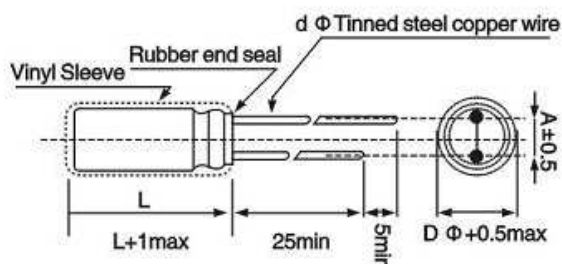
S5 Series 5mm高, 標準品電容器, 105°C 5mm HEIGHT, STANDARD SIZE 105°C

- 5mm height, 1000-hour-load life at 105°C
- Applications: VTR, camera, car, audio mini audio and other industrial and commercial applications

SPECIFICATIONS

Items	Characteristics							
Category								
Temperature Range	-40 to + 105°C							
Rated Voltage Range	6.3 to 50V dc							
Capacitance Tolerance	± 20%(M) (at 25°C, 120Hz)							
Leakage Current	I=0.01CV or 3 μ A, whichever is greater. Where, I:Max. Leakage current(μ A).C:Nominal capacitance(μ F).V:Rated voltage(V) (at 25°C after 2 minutes)							
Dissipation Factor (tan δ)	Rated voltage (Vdc)	6.3V	10V	16V	25V	35V	50V	(at 25°C, 120Hz)
	Tan δ (Max.)	0.25	0.19	0.16	0.14	0.12	0.10	
Load.Life	The following specifications shall be satisfied when the capacitors are restored to 25°C after voltage is applied for 1000 hours at 105°C							
	Capacitance change	≤ ± 20% of the initial value						
	DF(tan δ)	≤ 200% 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°C after exposing them for 500 hours at 105°C without voltage applied							
	Capacitance change	≤ ± 20% of the initial value						
	DF(tan δ)	≤ 200% of the initial specified value						
	Leakage current	≤ The initial specified value						

Diagram:(Unit:mm)



Body Dia Φ D	4	5	6
Lead Dia Φ d	0.45	0.50	0.50
Lead Space A	1.5	2.0	2.5

S5 Series 5mm HEIGHT, STANDARD SIZE 105°C

SPANDARD RATINGS

μF \ Vdc	6.3		10		16		25		35		50	
0.1											4*5	1.0
0.22	Case size $\Phi D \times L(mm)$ Rated ripple current (mA_{rms}) at 105°C, 120Hz										4*5	2.0
0.33											4*5	3.0
0.47											4*5	4.0
1.0											4*5	9.0
2.2											4*5	13
3.3											4*5	17
4.7							4*5	16	4*5	18	5*5	20
10	4*5	18	4*5	20	4*5	23	5*5	27	5*5	30	6.3*5	33
22	4*5	21	5*5	28	5*5	30	6.3*5	38	6.3*5	40		
33	5*5	32	5*5	34	6.3*5	42	6.3*5	45				
47	5*5	36	6.3*5	45	6.3*5	48						
100	6.3*5	56	6.3*5	72	6.3*5	80						