



RESISTOR & CAPACITOR

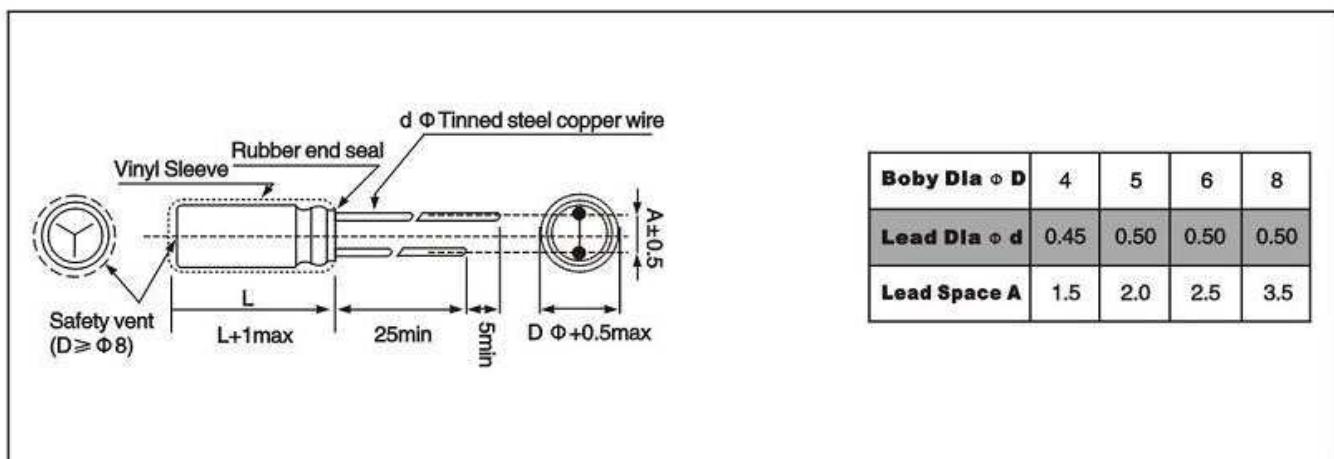
SS Series 超小型品電容器105°C SUPER MINIATURE SIZE ,105°C CAPACITOR

- 9mm height, 1000-hour-life at 105°C
- Design for space-saving and high density insertion

SPECIFICATIONS

Items	Characteristics								
Category Temperature Range	-40 to +105°C								
Rated Voltage Range	4 to 63V dc								
Capacitance Tolerance	$\pm 20\%$ (M) (at 25°C, 120Hz)								
Leakage Current	$I=0.01CV$ or $3 \mu A$, whichever is greater. Where, I:Max. Leakage current(μA).C:Nominal capacitance(μF).V:Rated voltage(V) (at 25°C after 2 minutes)								
Dissipation Factor (tan δ)	Rated voltage (Vdc)	4V	6.3V	10V	16V	25V	35V	50V	63V
	Tan δ (Max.)	0.35	0.22	0.19	0.16	0.14	0.12	0.10	0.08
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								
	Rated voltage	4 to 63 Vdc							
	Capacitance change	$\leq \pm 20\%$ of the initial value							
	DF(tan δ)	$\leq 200\%$ of the initial specified value							
Shelf.Life	Leakage current	\leq The initial specified value							
	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								
	Rated voltage	4 to 63 Vdc							
	Capacitance change	$\leq \pm 20\%$ of the initial value							
	DF(tan δ)	$\leq 200\%$ of the initial specified value							
	Leakage current	\leq The initial specified value							

Diagram:(Unit:mm)





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SPANDARD RATINGS

$\mu\text{ F}$	Vdc	4	6.3	10	16	25	35	50	63
0.1								4*7	1.0
0.22								4*7	2.0
0.33								4*7	3.0
0.47								4*7	5.0
1.0								4*7	10
2.2								4*7	15
3.3								4*7	18
4.7								4*7	23
10					4*7	25	4*7	30	6.3*7
22			4*7	31	4*7	16	5*7	39	6.3*7
33	4*7	26	4*7	37	5*7	43	5*7	47	6.3*7
47	4*7	34	5*7	47	5*7	53	5*7	59	6.3*7
100	5*7	61	5*7	71	5*7	80	6.3*7	97	8*7
150	5*7	75	6.3*7	85	6.3*7	98	8*7	109	8*7
180	6.3*7	85	8*7	95	8*7	108	8*9	115	8*9
220	6.3*7	95	6.3*7	105	6.3*7	118	8*9	125	
330	6.3*7	120	8*7	150					
470	8*9	150	8*9	170					

Case size Φ D x L(mm)

Rated ripple current (mArms)
at 105°C, 120Hz