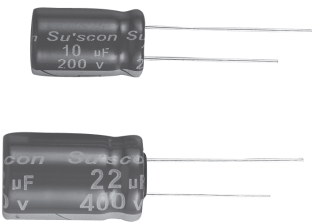


SEN series

- 105℃ high-temperature resistance, high reliability, and long life.
- Suitable for office communicative or industrial equipments.
- 105℃ 耐高溫、高信賴度、長壽命。
- 適用於辦公室通訊設備、工業設備。



SEN

SPECIFICATIONS

Items 項目	Characteristics 特 性					
Capacitance Tolerance 靜電容量誤差	±20% (120Hz, 20℃)					
Operating temperature Range 適用溫度範圍	-25 ~+105℃					
Rated Voltage Range 工作電壓範圍	160~400V					
Leakage Current 洩漏電流	I ≤0.03 CV +20 (uA) (After 3 minutes application of DC working voltage)					
Dissipation Factor 散逸因素 (tan δ)	Measurement Frequency: 120Hz. Temperature: 20℃					
	Rated Voltage (V)	160	200	250	350	400
	tan δ (MAX)	0.20	0.20	0.20	0.25	0.25
	When nominal capacitance exceeds 1000uF, add 0.02 to the value above for each 1000uF increase.(20℃)、120Hz)					
Low Temperature Stability 低溫特性 Impedance Ratio (MAX) 阻抗比率（最大值）	Measurement Frequency: 120Hz.					
	Rated Voltage (V)	160	200	250	350	400
	Z (-25℃) / Z (20℃)	3	3	3	6	15
Load Life 負荷壽命	5000 hours, with application of working voltage at 105℃. (φD ≤ 8mm, 3000 hours; φD = 10mm, 4000 hours ;φD > 10mm, 5000 hours)					
	Capacitance Change	Within ± 25% 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	1000hours, no voltage applied, at 105℃. After Test: U _R to be applied for 30 minutes, 24 to 48 hours 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 5141 and JIS C 5102					

PERMISSIBLE RIPPLE CURRENT

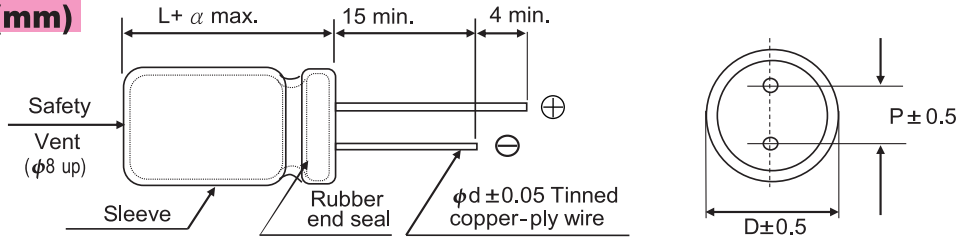
Frequency Coefficient

WV (V)	Capacitance (μ F)	Frequency (Hz)			
		50	120	1K	≥ 10k
≥ 160	2.2~120	0.080	1.00	1.30	1.40

SEN series

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DIMENSIONS (mm)



ϕD	6.3	8	10	13	16	18
P	2.5	3.5	5.0	5.0	7.5	7.5
ϕd	0.5	0.5	0.6	0.6	0.8	0.8

α	(L<16)1.0 (L $\geq$ 16)2.0
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STANDARD RATINGS

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

Cap (uF)	WV(V) (Code)	160 (2C)		200 (2D)		250 (2E)		350 (2V)		400 (2G)	
	Item	D×L	R.C.	D×L	R.C.	D×L	R.C.	D×L	R.C.	D×L	R.C.
2.2		6.3×11	28	6.3×11	28	8×12	35	8×12	35	8×12	35
3.3		8×12	34	8×12	35	8×12	50	8×12	44	8×12	50
4.7		8×12	43	8×12	50	8×12	55	10×13	55	10×13	60
10		10×13	75	10×16	80	10×16	100	10×20	92	10×20	100
22		10×16	130	10×20	140	13×21	170	13×21	162	13×25	190
33		10×20	170	13×21	200	13×21	225	13×25	205	16×22	240
39		10×20	190	13×21	220	13×25	250	16×22	205	16×26	300
47		13×21	230	13×21	250	13×25	280	16×26	320	16×32	330
68		13×25	260	13×25	280	16×22	310	16×26	350	18×25	350
82		16×22	320	16×26	350	16×32	390	18×25	420	18×32	580
100		16×26	350	16×32	480	16×36	500	18×32	550	18×35	660
120								18×40	650	18×40	770

※ 13mm may be replaced by 12.5mm upon customer's request.