

### SN SERIES

基板自立型 LARGE CAPACITANCE SNAP-IN TERMINAL

耐高紋波電流。

Can withstand high ripple current.

適用於一般民生用品電子設備之濾波迴路，例如電視機，電源供應器，大功率音響.....等。

Suitable for filter consumer electronic equipment, such as TV sets, power supplies and high power stereos etc.

#### Electrical Characteristics 電器特性

Working Voltage : 10 100VDC / 160 450VDC

額定電壓

Operating Temperature : -40 +105 / -25 +105

溫度範圍

Capacitance Tolerance(120 Hz, 25 ) : -20 +20%(M)

靜電容量容許差

DC Leakage Current (  $\mu$  A ) : I 0.03CV(  $\mu$  A ) or 3  $\mu$  A

洩漏電流 (After 5 minutes Application of DC Working Voltage at 25 )

Surge Voltage 湧浪電壓 : at 25

WV :	10	16	25	35	50	63	100	160	200	250	350	400	450
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S.V. :	13	20	32	44	63	79	125	200	250	300	400	450	500
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Dissipation Factor 散逸因素 : at 120Hz, 25

WV :	10	16	25	35	50	63	100	160	200	250	350	400	450
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DF% :	35	35	25	25	25	25	20	20	20	20	20	25	25
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For capacitance exceeding 1000  $\mu$  F. The value of DF(%) is increased by 2% for every addition of 1000  $\mu$  F.

Load Life 高溫負荷特性 : 1000 Hours at 105

Capacitance Change: Within 20% of Initial Value

Dissipation Factor: Not Exceed 200% of Initial Requirement

Leakage Current: Not Exceed The Initial Requirement

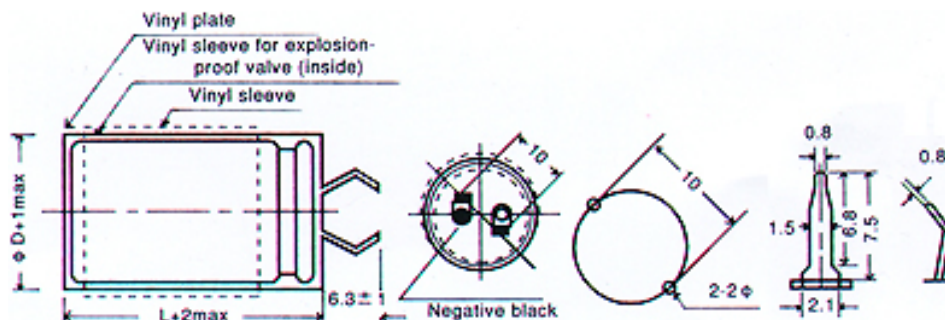
Shelf Life 放置特性 : 500Hours , No Voltage Applied

Capacitance Change: Within 20% of Initial Value

Dissipation Factor: Not Exceed 200% of Initial Requirement

Leakage Current: Not Exceed 200% of Initial Requirement

Diagram Of Dimensions 尺寸圖 D=22~35 mm



Case Size and Permissible Ripple Current

CAP(μF)	RATED VOLTAGEV WV													
	10(13)		16(20)		25(32)		35(44)		50(63)		63(79)		80(100)	
	DxL	R.C.	DxL	R.C.	DxL	R.C.	DxL	R.C.	DxL	R.C.	DxL	R.C.	DxL	R.C.
1000													22x25	1.20
1200											22x25	1.20	22x30 25x25	1.40
1500									22x25	1.20	22x25	1.30	22x35 25x30	1.60
2200									22x30	1.55	22x35 25x30	1.70 1.75	25x35 30x30	2.05
3300							22x25	1.40	22x35	1.95	22x40 30x30	2.30 2.25	22x48 30x40	2.70
4700							25x25	1.80	22x45	2.45	30x40	2.85	30x48 35x40	3.40
6800							25x40	2.25	25x45 30x40	3.30	30x40	3.65	35x50	3.90
8200					22x35 25x30	2.10	22x48 25x40	2.55	30x45	3.60	35x40	3.90		
10000	22x30	1.55	22x30	1.95	22x40 25x30	2.40	25x45 30x35	2.90	25x50 35x40	4.05 4.00	35x40	4.40		
12000	22x30	1.77	22x35 25x30	2.25	22x45 25x40	2.75	25x50 35x40	3.24	35x45	4.55				
15000	22x35	1.96	22x40	2.55	25x45 30x35	3.15	25x50 30x35	5.10	30x50	6.00				
22000	22x45 30x30	2.55	22x45 25x35	4.80	25x50 35x40	5.50	30x50	6.20						
33000	25x45 30x35	3.30	30x45 35x40	4.30	35x48	5.40								
47000	30x45 35x40	3.70	35x45	5.45	35x60	8.97								
56000	30x50	4.15	30x50	4.65										
68000	30x50	4.70	35x50	5.50										

Case Size: DxL in mm

Ripple Current : A rms at 105 120Hz

Case Size and Permissible Ripple Current

CAP(μF)	RATED VOLTAGEV WV													
	100(125)		160(200)		200(250)		250(300)		350(400)		400(450)		450(500)	
	DxL	R.C.	DxL	R.C.	DxL	R.C.	DxL	R.C.	DxL	R.C.	DxL	R.C.	DxL	R.C.
47											22x25	0.35	22x25	0.36
68											22x25	0.50	22x30	0.50
100									22x30	0.70	22x32	0.68	25x40	0.65
120							22x25	0.60	22x32	0.75	22x32 25x25	0.70	22x45 25x40	0.70
150							22x25	0.70	22x40	0.85	22x40	0.85	25x40 30x30	0.80
180							22x25	0.80	22x45 25x30	0.90	25x32	0.95	25x40	0.85
220					22x25	0.80	22x32 25x25	0.95	25x40 30x30	1.05	25x45 30x35	1.05	25x50 30x40	1.00
330			22x25	1.20	22x30 25x25	1.20	22x40 25x30	1.26	25x50 35x40	1.35	30x45	1.40	30x50	1.40
470			22x35 25x25	1.40	22x40 25x30	1.40	25x40 30x30	1.57	35x40	1.70	35x45	1.75	35x50	1.70
560	22x25	1.05	22x40 25x30	1.50	22x45 25x35	1.55	25x45 30x35	1.79	35x45	1.90				
680			22x45 25x35	1.70	25x40 30x30	1.75	30x40	2.00						
820	22x30 25x25	1.30	25x40 30x30	2.00	25x50 30x35	2.04	30x45	2.16						
1000	22x35 25x30	1.50	30x35	2.20	30x40	2.30	35x40	2.30						
1200	22x40 25x35	1.70	30x40	2.45	30x50 35x40	2.60	35x45	2.43						
1500	25x40	2.00	30x45	2.80	35x45	3.10								
2200	25x50 30x40	2.70	35x50	3.60										
3300	35x50	3.25												
4700	35x50	3.80												
6800	35x60	4.50												

Case Size: DxL in mm

Ripple Current : A rms at 105 120Hz