

SN Series

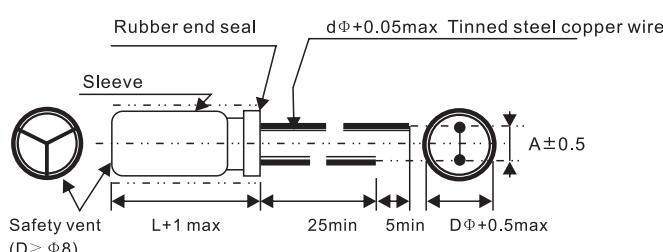
- 85°C, 7mmL, height, Non polar, Suitable for use in circuits whose polarity is reversed

- SPECIFICATIONS



Items	Characteristics							
Category	-40 to +85°C							
Temperature Range								
Rated Voltage Range	6.3 to 50Vdc							
Capacitance Tolerance	± 20% (M) (at 20°C ,120Hz)							
Leakage Current	$I=0.05CV$ or $10\mu A$, whichever is greater. Where, I :Max. Leakage current (μA). C: Nominal capacitance (μF). V: Rated voltage(V) (at 20°C , after 2 minutes)							
Dissipation Factor (tan δ)	Rated voltage (Vdc)	6.3v	10v	16v	25v	35v	50v	
	tan δ (Max.)	0.24	0.20	0.16	0.16	0.14	0.12	
	(at 20°C ,120Hz)							
Low Temperature Characteristics	Impedance ration max at 120Hz Working voltage Z-25°C/ Z+20°C Z-40°C/ Z+20°C							
	Working voltage	6.3v	10v	16v	25v	35v	50v	
	Z-25°C/ Z+20°C	4	3	2	2	2	2	
	Z-40°C/ Z+20°C	8	6	4	4	3	3	
Load. Life	The following specifications shall be satisfied when the capacitors are restored to 20°C after the voltage is applied for 1000 hours at 85°C Capacitance change DF (tan δ) Leakage current							
	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						
Shelf Life	The following specifications shall be satisfied when the capacitors are restored to 20°C after exposing them for 1000 hours at 85°C without voltage applied. Capacitance change DF (tan δ) Leakage current							
	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						
Ripple Current Multiplier	Temperature coefficient Frequency coefficient							
	Temperature(°C)	~55	60	70	85			
	Factor	1.65	1.50	1.30	1.00			
	freq	50	120	300	1k	10k~		
	cap ~47	0.75	1.00	1.35	1.57	2.00		
	cap 100~470	0.80	1.00	1.23	1.34	1.50		

- Diagram: (Unit: mm)



Body Dia ΦD	4	5	6	8
Lead Dia Φd	0.45	0.50	0.50	0.50
Lead Space A	1.5	2.0	2.5	3.5

