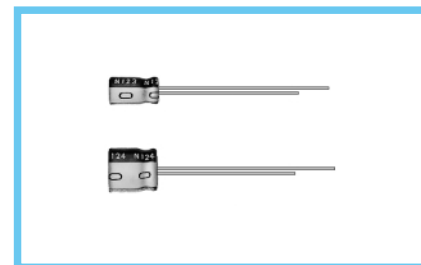


nichicon

Low Impedance Anti-Solvent Feature

-
- Diagram illustrating the connection between SF and ST, labeled "Low Impedance".



Item	Performance Characteristics									
Category Temperature Range	-55 ~ +105°C									
Rated Voltage Range	6.3 ~ 35V									
Rated Capacitance Range	6.8 ~ 220μF									
Capacitance Tolerance	±20% at 120Hz, 20°C									
Leakage Current	After 2 minutes' application of rated voltage, leakage current is not more than 0.01CV or 3(μA), whichever is greater.									
tan δ	Measurement frequency : 120Hz, Temperature : 20°C									
	Rated voltage (V)	6.3	10	16	25	35				
	tan δ (MAX.)	0.18	0.16	0.14	0.12	0.12				
Stability at Low Temperature	Measurement frequency : 120Hz									
	Rated voltage (V)		6.3	10	16	25	35			
	Impedance ratio	Z-25°C / Z+20°C	2	2	2	2	2			
Endurance	ZT / Z20 (MAX.)		Z-55°C / Z+20°C	3	3	3	3			
	After 1000 hours' application of rated voltage at 105°C, capacitors meet the characteristic requirements listed at right.									
	Capacitance change		Within ±20% of initial value							
	tan δ		200% or less of initial specified value							
Shelf Life	Leakage current		Initial specified value or less							
	After storing the capacitors under no load at 105°C for 1000 hours, and after performing voltage treatment based on JIS C 5101-4 clause 4.1 at 20°C, they will meet the specified value for endurance characteristics listed above.									
Marking	Printed with white color letter on dark brown sleeve.									

Sleeve (P.E.T.)

Technical drawing of a PET sleeve. The side view shows a sleeve with a diameter of $\phi D \pm 0.5 \text{ MAX}$, a length of $L \pm 3 \text{ MAX}$, and a thickness of 15 MIN . The end view shows a circular cross-section with a diameter of ϕD and a thickness of $P \pm 0.5$. The sleeve is labeled "Sleeve (P.E.T.)".

	(mm)			
ϕD	4	5	6.3	8
P	1.5	2.0	2.5	3.5
ϕd	0.45	0.45	0.45	0.5

1 2 3 4 5 6 7 8 9 10 11

U S F 1 A 3 3 0 M D D

Configuration ※

Capacitance tolerance ($\pm 20\%$)

Rated Capacitance (33 μF)

Rated voltage (10V)

Series name

Type

※ Configuration

ϕ D	Pb-free leadwire Pb-free PET sleeve
4 ~ 8	DD

[illegible]

Frequency	50 Hz	120 Hz	300 Hz	1 kHz	10 kHz ~
Coefficient	0.35	0.50	0.64	0.83	1.00

CAT.8100V