

# NS (CD71C)

- ◎ 7mmL, Bi-Polar.
- ◎ Used in circuits what polarity is reversed, such as signal coupling, etc.
- ◎ Adapted to the ROHS directive (2002/95/EC).

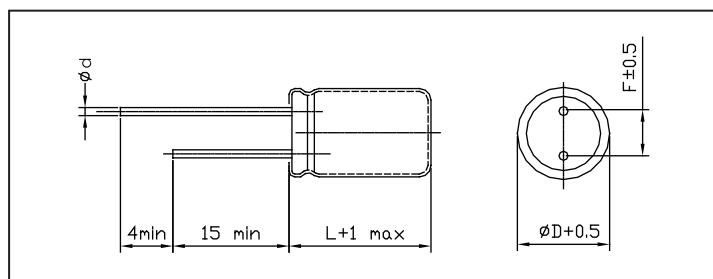


## ■ Specifications

Item	Performance Characteristics							
Operating temperature range	-40°C ~ +85°C							
Rated voltage range	6.3 ~ 63V							
Nominal capacitance range	0.1 ~ 100μF							
Capacitance tolerance	± 20% (120Hz, +20°C)							
Leakage current	I ≤ 0.05CV or 10(μA) (at 20°C, after 2 minutes) (whichever is greater)							
Dissipation factor (+20°C, 120Hz) (tg δ)	$U_R$ (V)	6.3	10	16	25	35	50	63
	tg δ	0.26	0.22	0.20	0.18	0.16	0.14	0.12
Temperature characteristics (Impedance ratio at 120Hz)	$U_R$ (V)	6.3	10	16	25	35	50	63
	Z-25°C/+20°C	4	3	2	2	2	2	2
	Z-40°C/+20°C	8	6	4	4	3	3	3
Load life	After applying rated voltage for 1000 hours at +85°C (with the polarity inverted every 250 hours) and then resumed 16 hours: Capacitance change : ±25% Initial measured value Leakage current : ≤ Initial specified value Dissipation factor : ≤ 2 times Initial specified value							
Shelf life	After storage for 1000 hours at +85°C and then resumed 16 hours Capacitance change : ±25% Initial measured value Leakage current : ≤ 2 times Initial specified value Dissipation factor : ≤ 2 times Initial specified value							

## ■ Case size table

Unit: mm



D	4	5	6	8
F	1.5	2.0	2.5	3.5
d	0.45			0.5

## ■ Dimensions

$U_R$	Code	6.3V		10V		16V		25V		35V		50V		63V	
		0J	1A	1C	1E	1V	1H	1J							
0.1	0R1											4x7	0.8		
0.22	R22											4x7	2.0		
0.33	R33											4x7	3.0		
0.47	R47											4x7	4.0		
1	010											4x7	8.5	4x7	11
2.2	2R2											4x7	14	5x7	18
3.3	3R3											4x7	19	6x7	23
4.7	4R7											4x7	25	8x7	28
10	100											4x7	32	8x7	40
22	220	4x7	29	4x7	33	6x7	39	6x7	43	8x7	48				
33	330	5x7	37	5x7	45	6x7	48	8x7	53						
47	470	6x7	48	5x7	53	8x7	63								
100	101	8x7	75	6x7	82										

Rated ripple current(mA,+85°C,120Hz)