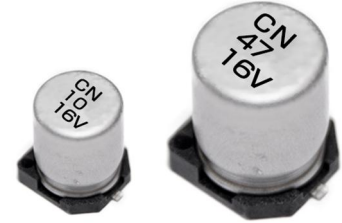
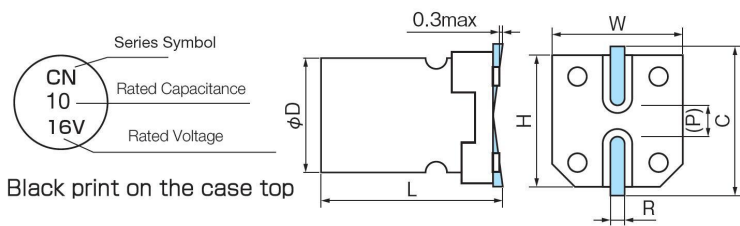


FEATURES

- Bi-Polar, 5.4mm Height
- 105°C 1,000Hours
- Solvent proof (within 2 minutes)

DIMENSIONS (mm)



ΦD±0.5	L±0.4	W±0.2	H±0.2	C±0.2	R	p±0.2
4	5.4	4.3	4.3	5.1	0.5 ~ 0.8	1
5	5.4	5.3	5.3	6.1	0.5 ~ 0.8	1.3
6.3	5.4	6.6	6.6	7.3	0.5 ~ 0.8	2.2
6.3	7.7	6.6	6.6	7.3	0.5 ~ 0.8	2.2

SPECIFICATIONS

Items	Condition	Specifications							
		6.3	10	16	25	35	50		
Rated voltage (V)	—	6.3	10	16	25	35	50		
Surge voltage (V)	Room temperature	8	13	20	32	44	63		
Category temperature range (°C)	—	-40 to +105							
Capacitance tolerance (%)	120Hz/20°C	M : ±20							
Dissipation Factor (tan δ)	tanδ (max) 120Hz/20°C	0.32	0.26	0.24	0.22	0.2	0.2		
Leakage current (LC)	μA/after 2 minutes (max)	0.03CV + 6μA							
Impedance ratio at low temperature	Based on the value at 120Hz, +20°C	-25°C	Z/Z _{20°C}	4	3	2	2	2	2
		-40°C	Z/Z _{20°C}	10	8	6	4	3	3
Endurance	250hours×4 (alternately)105°C, rated voltage applied (With the rated ripple current)	ΔC/C	Within ±20% of the initial value						
		tanδ	Less than 200% of the specified value						
		LC	Less than the specified value						



RATED RIPPLE CURRENT FREQUENCY COEFFICIENT

Frequency:F(Hz)		100≤F<1k	1k≤F<10k	10k≤F<100k	100k≤F
Capacitance:C(μF)	C≤4.7	1.00	1.30	1.50	1.80
	4.7<C≤33	1.00	1.20	1.30	1.45
	33<C	1.00	1.10	1.20	1.30

STANDARD RATINGS

μF \ V	6.3		10		16		25		35		50	
	φ	L	φ	L	φ	L	φ	L	φ	L	φ	L
1											4×5.4	10
2.2									4×5.4	8.4	5×5.4	15
3.3							4×5.4	10	5×5.4	16	5×5.4	18
4.7					4×5.4	12	5×5.4	16	5×5.4	18	6.3×5.4	20
10			4×5.4	17	5×5.4	23	6.3×5.4	28	6.3×5.4	27	6.3×5.4	25
22			5×5.4	28	6.3×5.4	37	6.3×5.4	35	6.3×5.4	30	6.3×7.7	35
33	6.3×5.4	37	6.3×5.4	33	6.3×5.4	49	6.3×7.7	50	6.3×7.7	35		
47	6.3×5.4	45	6.3×5.4	41	6.3×7.7	55						
100	6.3×7.7	55	6.3×7.7	60								

↑ Case size: φDxL(mm) ↑ Rated ripple current:mArms(120Hz, 105°C)

Note: Other Values are available on request. WEET is capable of doing custom service for you.



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PN Structure

WCN	0J	0R1	M	040054	T	R
Series	Rated Voltage	Capacitance	Capacitance Tolerance	Dimension	Packing	Pb
	1.	2.	3.	4.	5.	6.

1. Rated Voltage

Code	0J	1A	1C	1D	1E	1V	1G	1H	1J	1K	2A
Voltage	6.3V	10V	16V	20V	25V	35V	40V	50V	63V	80V	100V

2. Capacitance

Code	0R1	R22	R33	R47	010	2R2	3R3	4R7	100	220	330	470	101
Capacitance (μF)	0.1	0.22	0.33	0.47	1	2.2	3.3	4.7	10	22	33	47	100

3. Capacitance Tolerance

Code	K	L	M
Tolerance	±10%	±15%	±20%

4. Dimension

Code	040054	050054	063054	080105	100105
Dimension (mm)	4x5.4	5x5.4	6.3x5.4	8x10.5	10x10.5

5. Packing

Code	T
Packing	Tape & Reel

6. Pb

Code	L	R
Pb	Leaded	RoHS

