

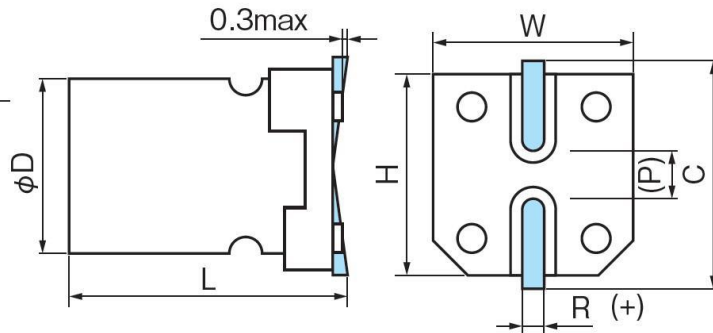
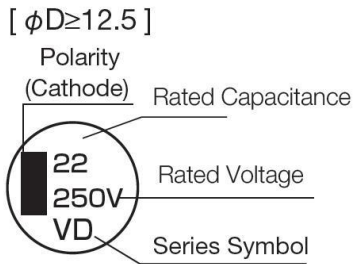
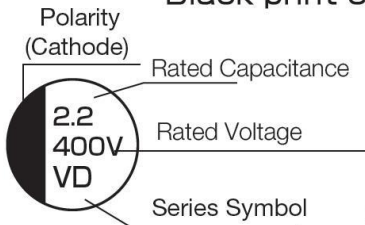
FEATURES

- 105°C 5,000Hours
- High Voltage 160V to 450V
- Non solvent proof



DIMENSIONS (mm)

[$\phi D \leq 10$] Black print on the case top



A pressure relief vent is provided for $\phi D=8$ or bigger

$\phi D \pm 0.5$	$L \pm 0.5$	$W \pm 0.2$	$H \pm 0.2$	$C \pm 0.2$	R	$P \pm 0.2$
8	10.5	8.3	8.3	9.2	0.7~1.2	3.1
10	10.5	10.3	10.3	11.2	0.7~1.2	4.4
10	13.5	10.3	10.3	11.2	0.7~1.2	4.4
12.5	13.5	13	13	14	1.0~1.4	4.4
12.5	16	13	13	14	1.0~1.4	4.4
16	16.5	17	17	18	1.0~1.4	6.4



SPECIFICATIONS

Items	Condition	Specifications						
Rated voltage (V)	—	160	200	250	400	450		
Surge voltage (V)	Room temperature	200	250	300	450	500		
Category temperature range (°C)	—	-40 to +105						
Capacitance tolerance (%)	120Hz/20°C	M : ±20						
Dissipation Factor (tan δ)	tanδ(max) 120Hz/20°C	0.2			0.25			
Leakage current (LC)	µA/after 2minutes (max)	C ≤ 5.6µF		0.03CV + 15µA				
		C > 5.6µF		0.02CV + 25µA				
Impedance ratio at low temperature	Based on the value at 120Hz, +20°C	-25°C	Z/Z _{20°C}	3	3	6	6	10
		-40°C	Z/Z _{20°C}	6	6	10	10	15
Endurance	105 °C 5,000hours rated voltage applied (With the rated ripple current)	ΔC/C		Within ±30% of the initial value				
		tanδ		Less than 300% of the specified value				
		LC		Less than the specified value				

RATED RIPPLE CURRENT FREQUENCY COEFFICIENT

Frequency:F(Hz)	50Hz	120Hz	300Hz	1kHz	10kHz≤F
Capacitance:C(µF) All ITEM	0.7	1	1.17	1.3	1.5



STANDARD RATINGS

μF V	160		200		250		400		450	
	Size	RC	Size	RC	Size	RC	Size	RC	Size	RC
1										
1.5										
2.2							8×10.5	15		
3.3							8×10.5	20		
4.7							8×10.5	25		
							8×12.5	30		
5.6							8×12.5	35		
6.8							10×10.5	45		
8.2							10×13.5	55		
10							10×13.5	60		
12										
15										
22										
27										
33										

↑ 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

WVD	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

