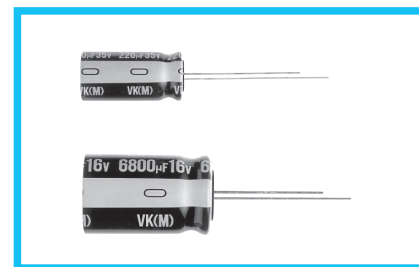
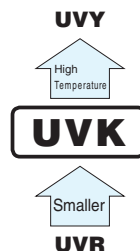


Miniature Sized



- Values marked with an ✱ in the dimension table are scheduled to be discontinued and are not recommended for new designs.

[illegible]

Technical drawing of a sleeve (P.E.T.) showing dimensions and labels:

- Sleeve (P.E.T.)**: Label pointing to the main body of the sleeve.
- ϕd : Dimension indicating the diameter of the central hole.
- $\phi D \pm \beta_{MAX}$: Dimension indicating the outer diameter tolerance.
- Pressure relief vent ($\phi 6.3$ up)**: Label pointing to the vent on the side of the sleeve.
- $L + \alpha_{MAX}$: Dimension indicating the length of the sleeve.
- 15MIN**: Dimension indicating the minimum length of the sleeve.
- 4MIN**: Dimension indicating the minimum length of the sleeve.
- +** and **-**: Labels indicating the positive and negative pressure relief vent positions.
- 5**: Dimension indicating the thickness of the sleeve.
- P 0.5**: Label indicating the pressure rating.

[illegible]

α	$(L < 20)$ 1.5
	$(L \geq 20)$ 2.0

1 2 3 4 5 6 7 8 9 10 11

U V K 1 A 3 3 1 M E D

Configuration※

Capacitance tolerance (±20%)

Rated capacitance (330μF)

Rated voltage (10V)

Series name

Type

ϕ D	Pb-free leadwire Pb-free PET sleeve
5	DD
6.3	ED
8・10	PD
12.5 to 18	HD
20 to 25	RD

- Dimension table in next page.

UVK

■ Dimensions

Cap.(μF)	Code	V		6.3		10		16		25		35		50		63	
				0J		1A		1C		1E		1V		1H		1J	
2.2	2R2													5 × 11	28		
3.3	3R3													5 × 11	35		
4.7	4R7													5 × 11	40		
10	100													5 × 11	60		
22	220													5 × 11	95	5 × 11	100
33	330													5 × 11	125	6.3 × 11	140
47	470											5 × 11	130	6.3 × 11	155	6.3 × 11	170
68	680											6.3 × 11	160	6.3 × 11	210	8 × 11.5	220
100	101									5 × 11	180	6.3 × 11	210	8 × 11.5	260	8 × 11.5	280
220	221					5 × 11	220	6.3 × 11	260	6.3 × 11	280	8 × 11.5	350	10 × 12.5	430	10 × 16	490
330	331					6.3 × 11	290	6.3 × 11	320	8 × 11.5	390	10 × 12.5	490	10 × 16	590	10 × 20	710
470	471					6.3 × 11	350	8 × 11.5	440	10 × 12.5	550	10 × 16	650	10 × 20	760	12.5 × 20	900
1000	102	8 × 11.5	540	10 × 12.5	650	10 × 12.5	700	10 × 16	860	12.5 × 20	1150	12.5 × 25	1350	16 × 25	1300		
2200	222	10 × 16	890	10 × 16	990	10 × 20	1000	12.5 × 25	1550	16 × 25	1800	16 × 31.5	1980	18 × 35.5	2300		
3300	332	10 × 20	1190	12.5 × 20	1450	12.5 × 25	1700	16 × 25	1980	16 × 31.5	2100	18 × 35.5	2500	20 × 40	2700		
4700	472	12.5 × 20	1550	12.5 × 25	1800	16 × 25	2100	16 × 25	2200	16 × 35.5	2500	20 × 40	2900	22 × 50	3400		
6800	682	12.5 × 25	1920	16 × 25	2250	16 × 25	2250	16 × 35.5	2600	18 × 40	2800	22 × 50	3500	25 × 50	3900		
10000	103	16 × 25	2350	16 × 31.5	2550	16 × 35.5	2710	18 × 40	2800	22 × 50	3700	25 × 50	4000				
15000	153	16 × 31.5	2550	16 × 35.5	2880	18 × 40	3100	22 × 50	3800	25 × 50	4300						
22000	223	18 × 35.5	3200	18 × 40	3400	22 × 40	3800	25 × 50	4500								
33000	333	20 × 40	3500	22 × 50	4500	25 × 50	4800										
47000	473	※22 × 50	3900	※25 × 50	5000											Case size	Rated
68000	683	※25 × 50	4300													φD×L (mm)	ripple

Cap.(μF)	Code	V		100		160		200		250		350		400		450	
				2A		2C		2D		2E		2V		2G		2W	
0.47	R47							6.3 × 11	15					6.3 × 11	12		
1	010							6.3 × 11	22					6.3 × 11	20		
2.2	2R2	5 × 11	30					6.3 × 11	33			6.3 × 11	30	8 × 11.5	38	8 × 11.5	28
3.3	3R3	5 × 11	40					6.3 × 11	40	6.3 × 11	40	8 × 11.5	43	8 × 11.5	48	10 × 12.5	40
4.7	4R7	5 × 11	45					6.3 × 11	50	6.3 × 11	50	8 × 11.5	55	10 × 12.5	60	10 × 12.5	46
10	100	5 × 11	70	8 × 11.5	80	8 × 11.5	80	10 × 12.5	100	10 × 12.5	100	10 × 16	90	10 × 16	90	10 × 20	80
22	220	6.3 × 11	130	10 × 12.5	130	10 × 16	150	10 × 20	150	12.5 × 20	150	12.5 × 25	200	12.5 × 25	200	12.5 × 25	140
33	330	8 × 11.5	180	10 × 16	180	10 × 20	200	10 × 20	200	12.5 × 25	240	16 × 25	240	16 × 25	240	16 × 25	180
47	470	8 × 11.5	200	10 × 20	210	12.5 × 20	270	12.5 × 20	270	16 × 25	300	16 × 25	280	16 × 31.5	220	16 × 31.5	220
68	680	10 × 12.5	270	12.5 × 20	350	12.5 × 25	350	16 × 25	380	16 × 25	400	16 × 31.5	340	18 × 35.5	260	18 × 35.5	260
100	101	10 × 16	340	12.5 × 25	430	16 × 25	450	16 × 25	440	18 × 35.5	520	18 × 35.5	440	18 × 40	280	18 × 40	280
220	221	12.5 × 20	550	16 × 31.5	580	16 × 35.5	700	18 × 35.5	680	22 × 50	760	22 × 50	650	25 × 50	350	25 × 50	350
330	331	12.5 × 25	760	18 × 35.5	800	18 × 40	950	20 × 40	1000	25 × 50	1000						
470	471	16 × 25	1000	18 × 40	1200	22 × 40	1300	22 × 50	1400								
1000	102	18 × 35.5	1350	25 × 50	1900												
2200	222	22 × 50	2400														
3300	332	25 × 50	2900													Case size	Rated
																φD×L (mm)	ripple

Rated ripple current (mA rms) at 85°C 120Hz

● Frequency coefficient of rated ripple current

V	Cap.(μF)	Frequency	50Hz	120Hz	300Hz	1 kHz	10kHz or more
6.3 to 100	2.2 to 68		0.75	1.00	1.35	1.57	2.00
	100 to 470		0.80	1.00	1.23	1.34	1.50
	1000 to 68000		0.85	1.00	1.10	1.13	1.15
160 to 450	0.47 to 220		0.80	1.00	1.25	1.40	1.60
	330 to 1000		0.90	1.00	1.10	1.13	1.15

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