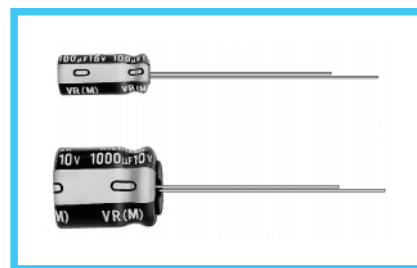


nichicon

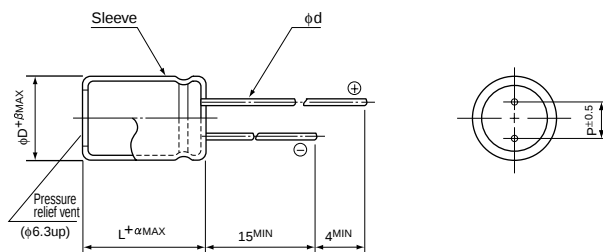
VZ
↑
High Temperature
VR
↓
Smaller
VK



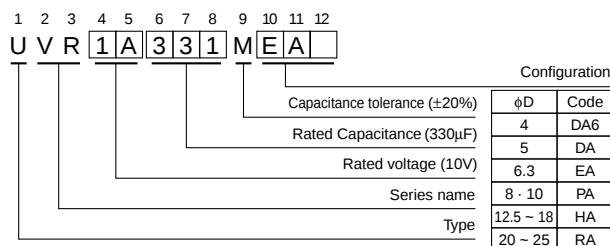
Approved by Reliability Center for Electronic
Component, Japan-Certification No. RCJ-03-22C

[illegible]

Type numbering system (Example : 10V 330 μ F)

[illegible]

α	$(L < 20)$ 1.5
	$(L \geq 20)$ 2.0



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CAT.8100R

■ Dimensions

D×L (mm)

V	6.3	10	16	25	35	50	63	100
Cap.(μF) Code	0J	1A	1C	1E	1V	1H	1J	2A
0.1 0R1						• 5×11 13		5×11 21
0.22 R22						• 5×11 29		5×11 47
0.33 R33						• 5×11 43		5×11 7
0.47 R47						• 5×11 62		5×11 10
1 010						• 5×11 17		5×11 21
2.2 2R2						• 5×11 28		5×11 30
3.3 3R3						• 5×11 35		5×11 40
4.7 4R7				• 5×11 35	• 5×11 40	• 5×11 40		5×11 45
10 100			• 5×11 50	• 5×11 55	• 5×11 60	• 5×11 60	5×11 65	6.3×11 75
22 220	• 5×11 65	• 5×11 65	• 5×11 75	• 5×11 80	• 5×11 90	• 5×11 95	5×11 100	6.3×11 130
33 330	• 5×11 80	• 5×11 85	• 5×11 90	• 5×11 95	5×11 105	5×11 125	6.3×11 140	8×11.5 180
47 470	• 5×11 95	• 5×11 100	• 5×11 110	• 5×11 115	5×11 130	6.3×11 155	6.3×11 170	10×12.5 230
100 101	• 5×11 135	• 5×11 145	5×11 160	6.3×11 190	6.3×11 210	8×11.5 260	10×12.5 300	10×20 370
220 221	5×11 200	6.3×11 240	6.3×11 260	8×11.5 330	10×12.5 385	10×12.5 430	10×16 490	12.5×25 620
330 331	6.3×11 270	6.3×11 290	8×11.5 370	10×12.5 440	10×12.5 490	10×16 590	10×20 710	12.5×25 760
470 471	6.3×11 320	6.3×11 350	8×11.5 440	10×12.5 550	10×16 650	12.5×20 760	12.5×20 900	16×25 1000
1000 102	8×11.5 540	10×12.5 650	10×16 790	10×20 960	12.5×20 1150	12.5×25 1350	16×25 1300	18×40 1380
2200 222	10×20 1000	10×20 1100	12.5×20 1300	12.5×25 1550	16×25 1800	16×35.5 2100	18×35.5 2300	22×50 2400 ▲25×40 2400
3300 332	10×20 1190	12.5×20 1450	12.5×25 1700	16×25 1980	16×35.5 2280	18×35.5 2500 ▲22×30 2450	20×40 2700 ▲25×30 2600	25×50 2900
4700 472	12.5×20 1550	12.5×25 1800	16×25 2100	16×31.5 2450	18×35.5 2700 ▲20×31 2700	20×40 2900 ▲25×30 2900	22×50 3400 ▲25×40 3200	
6800 682	12.5×25 1920	16×25 2250	16×35.5 2650	18×35.5 2900 ▲20×31 2700	20×40 3000 ▲25×30 2900	22×50 3500 ▲25×40 3300	25×50 3900	
10000 103	16×25 2350	16×35.5 2700	18×35.5 2950 ▲20×31 3000	20×40 3000 ▲25×30 2900	22×50 3700 ▲25×40 3600	25×50 4000		
15000 153	16×35.5 2850	18×35.5 3100	20×40 3400 ▲25×30 3300	22×50 3800 ▲25×40 3600	25×50 4300			
22000 223	18×40 3350 ▲22×30 3200	20×40 3700 ▲25×30 3300	22×50 4200 ▲25×40 4000	25×50 4500				
33000 333	22×50 3900 ▲25×40 3800	22×50 4500 ▲25×40 4800	25×50 4800					Case size Rated ripple

V	160	200	250	315	350	400	450
Cap.(μF) Code	2C	2D	2E	2F	2V	2G	2W
0.47 R47	6.3×11 15	6.3×11 15	6.3×11 15				
1 010	6.3×11 22	6.3×11 22	6.3×11 22	6.3×11 22	6.3×11 22	8×11.5 25	8×11.5 23
2.2 2R2	6.3×11 33	6.3×11 33	6.3×11 33	8×11.5 33	8×11.5 38	10×12.5 45	10×12.5 35
3.3 3R3	6.3×11 40	6.3×11 40	8×11.5 46	10×12.5 55	10×12.5 55	10×12.5 55	10×16 45
4.7 4R7	6.3×11 50	8×11.5 55	8×11.5 55	10×12.5 65	10×12.5 65	10×16 70	10×20 55
10 100	8×11.5 80	10×12.5 95	10×16 105	10×20 115	10×20 115	12.5×20 130	12.5×20 90
22 220	10×16 155	10×20 170	12.5×20 190	12.5×20 190	12.5×25 200	16×25 240	16×25 165
33 330	10×20 205	12.5×20 230	12.5×20 230	16×25 275	16×25 275	16×31.5 300	16×35.5 230
47 470	12.5×20 270	12.5×20 270	12.5×25 300	16×25 340	16×35.5 380	16×35.5 370	18×40 300 ▲22×30 290
100 101	12.5×25 430	16×31.5 530	16×31.5 520	18×35.5 560	18×40 590 ▲22×30 570	20×40 550 ▲25×30 530	22×40 350
220 221	16×35.5 800	18×35.5 810	20×40 740 ▲22×30 820	22×50 850 ▲25×30 770	22×50 850 ▲25×40 890	25×50 750	
330 331	18×40 940 ▲22×30 900	20×40 1130 ▲25×30 1090	22×50 1170 ▲25×30 970	25×50 1250			
470 471	22×40 1410 ▲25×30 1290	22×50 1490 ▲25×40 1550	25×50 1600				Case size Rated ripple
1000 102	25×50 1900						

Size 4×11 is available for capacitors marked "•"

Rated Ripple (mA rms) at 85°C 120Hz

In this case, [6] will be put at 12th digit of type numbering system "▲"

■ Frequency coefficient of rated ripple current

V	Cap.(μF)	Frequency	50Hz	120Hz	300Hz	1 kHz	10kHz ~
6.3 ~ 100	~ 47	~ 47	0.75	1.00	1.35	1.57	2.00
		100 ~ 470	0.80	1.00	1.23	1.34	1.50
		1000 ~ 33000	0.85	1.00	1.10	1.13	1.15
160 ~ 450	0.47 ~ 220	0.47 ~ 220	0.80	1.00	1.25	1.40	1.60
		330 ~ 1000	0.90	1.00	1.10	1.13	1.15