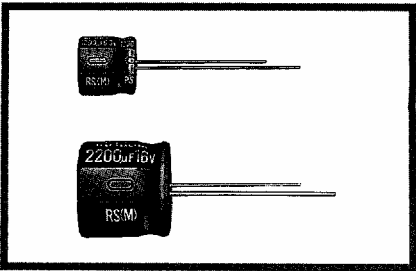


RS Compact & Low-profile Sized series



- More compact & low profile case sizes than VS series.

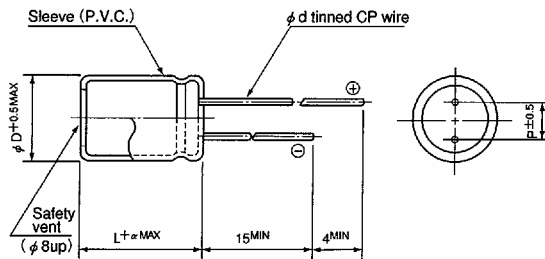


Specifications

Item	Performance Characteristics										
Operating Temperature Range	-40~+85℃										
Voltage Range	6.3~400V										
Capacitance Range	0.1~10000 μ F										
Capacitance Tolerance	±20% at 120Hz, 20℃										
Leakage Current	Rated voltage (V)	6.3~50					160~400				
	_____	After 1 minute's application of rated voltage, leakage current is not more than 0.03CV or 4 (μ A), whichever is greater. After 2 minutes' application of rated voltage, leakage current is not more than 0.01CV or 3 (μ A), whichever is greater.					After 1 minute's application of rated voltage. I=0.04CV+100 (μ A) or less				
tan δ	For capacitance of more than 1000 μ F, add 0.02 for every increase of 1000 μ F. Measurement frequency : 120Hz, Temperature : 20℃										
	Rated voltage (V)	6.3	10	16	25	35	50	160~250	400		
	tan δ (MAX.)	0.28	0.24	0.20	0.16	0.14	0.12	0.20	0.25		
Stability at Low Temperature	Measurement frequency : 120Hz										
	Rated voltage (V)	6.3	10	16	25	35	50	160・200	250	400	
	Impedance ratio ZT/Z20 (MAX.)	Z-25℃/Z+20℃	5	4	3	2	2	2	3	3	6
		Z-40℃/Z+20℃	12	10	8	5	4	3	4	6	10
Load Life	After 2000 hours' application of rated voltage at 85℃, capacitors meet the characteristics requirements listed at right.				Capacitance change		Within ±20% of initial value				
					tan δ		200% or less of initial specified value				
					Leakage current		Initial specified value or less				
Shelf Life	After leaving capacitors under no load at 85℃ for 1000 hours, they meet the specified value for load life characteristics listed above.										
Marking	Printed with white color letter on black sleeve.										
Applicable Standards	JIS C-5141 and JIS C-5102.										

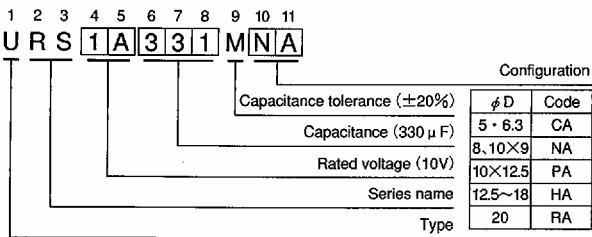
Radial Lead Type

Type numbering system (Example : 10V 330 µF)



α	(φ D<20) 1.5
	(φ D≥20) 2.0

φ D	5	6.3	8	10	12.5	16	18	20
P	2.0	2.5	3.5	5.0	5.0	7.5	7.5	10.0
φ d	0.5	0.5	0.6	0.6	0.6	0.8	0.8	1.0



- Dimension table in next page.

RS series

■ Dimensions

DXL (mm)

V		6.3		10		16		25		35		50	
Cap. (μF)	Code	0J		1A		1C		1E		1V		1H	
0.1	0R1											5×9	1.1
0.22	R22											5×9	2.3
0.33	R33											5×9	3.5
0.47	R47											5×9	5
1	010											5×9	13
2.2	2R2											5×9	26
3.3	3R3											5×9	35
4.7	4R7							5×9	30	5×9	35	5×9	40
10	100					5×9	40	5×9	50	5×9	55	5×9	65
22	220	5×9	35	5×9	55	5×9	70	5×9	75	5×9	95	5×9	90
33	330	5×9	55	5×9	75	5×9	85	5×9	95	5×9	100	6.3×9	120
47	470	5×9	75	5×9	90	5×9	100	5×9	110	6.3×9	130	6.3×9	140
100	101	5×9	125	5×9	135	6.3×9	160	6.3×9	180	8×9	220	10×9	240
220	221	6.3×9	200	6.3×9	220	8×9	290	10×9	310	10×9	340	10×12.5	420
330	331	6.3×9	250	8×9	300	10×9	360	10×9	380	10×12.5	480	12.5×12.5	530
470	471	8×9	330	8×9	360	10×9	410	10×12.5	530	12.5×12.5	590	16×15	750
1000	102	10×9	510	10×12.5	620	12.5×12.5	720	12.5×15	830	16×15	1010	18×20	1160
2200	222	12.5×15	890	12.5×15	960	16×15	1160	18×15	1360	18×20	1560	20×25	1750
3300	332	16×15	1200	16×15	1300	18×15	1460	18×20	1720	20×25	2000		
4700	472	16×15	1410	18×15	1550	18×20	1770	18×25	2050				
6800	682	18×15	1660	18×20	1850	18×25	2170						
10000	103	18×20	2020	18×25	2350							Case size	Allowable ripple

V		160		200		250		400	
Cap. (μF)	Code	2C		2D		2E		2G	
10	100							16×15	140
22	220					16×15	280	• 18×15	280
33	330			16×15	350	• 18×15	350	18×20	350
47	470	16×15	420	• 18×15	420	△ 18×20	420	★ 18×25	420
68	680	• 18×15	490	△ 18×20	490	18×20	490	20×25	490
100	101	△ 18×20	590	★ 18×25	590	18×25	590		
150	151	★ 18×25	710	18×25	710				
220	221	20×25	770					Case size	Allowable ripple

Allowable Ripple (mA rms) at 85°C 120Hz

Size 16×20 is available for capacitors marked "•"
 Size 20×15 is available for capacitors marked "△"
 Size 20×20 is available for capacitors marked "★"

In this case, 6 will be put at 12th digit of type numbering system.

● Frequency coefficient of allowable ripple current

V	Cap. (μF)	Frequency	50Hz	120Hz	300Hz	1 kHz	10 kHz~
6.3~50	~47	~47	0.75	1.00	1.35	1.57	2.00
		100~470	0.80	1.00	1.23	1.34	1.50
		1000~10000	0.85	1.00	1.10	1.13	1.15
160~400	10~220		0.80	1.00	1.25	1.40	1.60