

RVN 系列
SERIES

Bi-Polarized
Chip Type Series



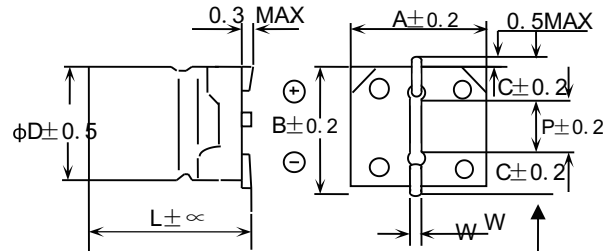
- ◆ 特 长 FEATURES
- 保证时间: 105°C1000小时
Load life: 10 5°C1000Hrs
- V-chip Type series

◆ 特性表 SPECIFICATIONS

Item	Characteristics						
Operating Temperature Range	-55°C~+105°C						
Working voltage Range	6.3~50 V						
Capacitance Range	0.1~100 μF						
Capacitance Tolerance	±20%(120Hz,20°C)						
Leakage Current Max.	1 ≤ 0.02CV or 6(μA) whichever is greater (after 2 min.)						
Dissipation Factor at 120Hz, 20°C (tan δ max)	W.V.	6.3	10	16	25	35	50
	tan δ (max)	0.35	0.26	0.24	0.2	0.18	0.18
Low Temp.Characteristics (Impedance ratio at 120Hz)	W.V.	6.3	10	16	25	35	50
	Z-25°C/Z+20°C	4	3	2	2	2	2
	Z-40°C/Z+20°C	10	8	6	4	3	3
Load Life	After application of the rated voltage for 1000 hours at 105°C (with the polarity inverted every 250 hours)						
	Capacitance	Change Within ±30% of initial value.					
	Tan δ	Less than 300% of initial specified value.					
	Leakage	Current Less than specified value					
Shelf Life(at 105°C)	After 500 hrs.no load test,leakage current,capacitance change and tan δ are as same as load life value.						
Soldering Heat Resistance	Place terminal side surface on 250°C hot plate for 30 seconds at low test samples to be cooled down to room temperature.						
	Capacitance Change	Within ±10% of initial value.					
	Tan δ	Less than initial specified value.					
	Leakage Current	Less than initial specified value.					

Unit=mm

φD±0.5MAX.	L	a	A±0.2	B±0.2	C±0.2	W	P±0.2
4	5.4	0.3	4.3	4.3	1.8	0.5~0.8	1.0
5	5.4	0.3	5.3	5.3	2.1	0.5~0.8	1.3
6.3	5.4	0.3	6.6	6.6	2.4	0.5~0.8	1.8
6.3	7.7	0.3	6.6	6.6	2.4	0.5~0.8	1.8
8	6.5	0.3	6.6	6.6	2.9	0.5~0.8	3.1
8	10.2	0.5	8.3	8.3	2.9	0.8~1.1	3.1
10	10.2	0.5	10.3	10.3	3.2	0.8~1.1	4.2



◆ 尺寸纹波电流一览表 Case size/Ripple current mA(rms) at 120 Hz, 105°C

WV. (VDC) CAP.(μF)	6.3 (0J)	10 (1A)	16 (1C)	25 (1E)	35 (1V)	50 (1H)
0.1						4x5.4 1
0.22						4x5.4 2
0.33						4x5.4 2.8
0.47						4x5.4 3.4
1				4x5.4 8.8	4x5.4 8.8	4x5.4 5.5
2.2			4x5.4 12	5x5.4 15	5x5.4 12	5x5.4 10
3.3	4x5.4 14	4x5.4 14	5x5.4 20	6.3x5.4 25	5x5.4 15	5x5.4 13
4.7	4x5.4 25	6.3x5.4 28	6.3x5.4 32	6.3x5.4 47	6.3x5.4 23	6.3x5.4 16
10	6.3x5.4 30	6.3x5.4 35	6.3x5.4 43	6.3x7.7 56	6.3x7.7 48	6.3x7.7 32
22	6.3x5.4 39	6.3x7.7 55	6.3x7.7 68	8x10.2 68	10x10.2 76	10x10.2 72
33	6.3x7.7 72	8x10.2 87	8x10.2 76	10x10.2 78		
47	8x10.2 102	10x10.2 102	10x10.2 89			
100	10x10.2 150					