

RVK 系列
SERIES

Low-Leakage Current
Chip Type Series

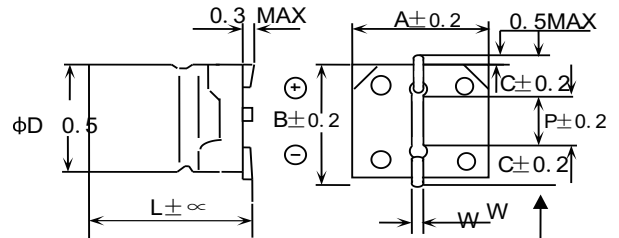


- ◆ 特长 FEATURES
- 保证时间: 105°C2000小时
Load life: 105 °C2000Hrs
- V-chip Type series
- ◆ 特性表 SPECIFICATIONS

Item	Characteristics						
Operating Temperature Range	-55°C~+105°C						
Working voltage Range	6.3~50 V						
Capacitance Range	0.1~330μ F						
Capacitance Tolerance	±20%(120Hz,20°C)						
Leakage Current Max.	1≤0.002CV or 0.4 (μA) whichever is greater (after 2min.)						
Dissipation Factor at120Hz, 20°C (tan δ max)	W.V.	6.3	10	16	25	35	50
	tan δ (max)	0.3	0.24	0.2	0.18	0.16	0.14
Low Temp.Characteristics (Impedanceratio 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 2000 hours at 105°C						
	Capacitance	Change Within±30% of initial value.					
	Tan δ	Less than 300% of initial specified value.					
	Leakage	Current Less than specified value					
Shelf Life(at105°C)	After 1000 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 allow 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 Casesize/Ripple current mA(rms)at 120 Hz, 105°C

WV. (VDC)	6.3 (0J)		10 (1A)		16 (1C)		25 (1E)		35 (1V)		50 (1H)	
CAP.(μF)												
0.1											4x5.4	1
0.22											4x5.4	2
0.33											4x5.4	3
0.47											4x5.4	4
1											4x5.4	8
2.2											4x5.4	11
3.3											4x5.4	13
4.7						4x5.4	13	4x5.4	14	6.3x5.4	20	
10			4x5.4	27	4x5.4	20	6.3x5.4	24	6.3x5.4	29	6.3x5.4	33
22	4x5.4	23	6.3x5.4	37	6.3x5.4	37	6.3x5.4	36	6.3x5.4	46	8x10.2	52
33	6.3x5.4	37	6.3x5.4	41	6.3x5.4	40	8x10.2	78	8x10.2	56	10x10.2	72
47	6.3x5.4	40	8x10.2	64	8x10.2	86	10x10.2	123				
100	6.3x5.4	57	8x10.2	108	10x10.2	132						
220	8x10.2	88										
330	8x10.2	136										

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