

RVT 系列  
SERIES

-55~+105°C Extended life  
Chip Type Series



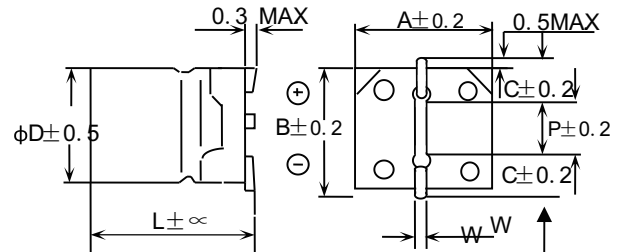
- ◆ 特 长 FEATURES
- 保证时间：105°C2000小时  
Load life: 105°C2000Hrs
- V-chip Type series

◆ 特性表 SPECIFICATIONS

Item	Characteristics								
Operating Temperature Range	-55°C~+105°C								
Working voltage Range	6.3~100 V								
Capacitance Range	0.47~1500μ F								
Capacitance Tolerance	±20%(120Hz,20°C)								
Leakage Current Max.	1≤0.01CV or 3(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	63	100
	tan δ (max)	0.3	0.24	0.2	0.18	0.16	0.14	0.12	0.12
Low Temp.Characteristics (Impedance ratio at 120Hz)	W.V.	6.3	10	16	25	35	50	63	100
	Z-25°C/Z+20°C	4	3	2	2	2	2	2	3
	Z-40°C/Z+20°C	10	8	6	4	3	3	3	4
Load Life (After application of the rated voltage for 2000 hours at 105°C)	Capacitance	Change With in±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 assame as load life value.								
Soldering Heat Resistance	Place terminal side surface on 250°C hot plate for 30 seconds al low test samples to be cooled down to room temperature.								
	Capacitance Change	Within±10% of initial value.							
	Tanδ	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) CAP(μF)	6.3(0J)	10(1A)	16(1C)	25(1E)	35(1V)	50(1H)	63(1J)	100(2A)
0.47						4x5.4	4	4x5.4
1						4x5.4	8	4x5.4
2.2						4x5.4	12	4x5.4
3.3					4x5.4	14	4x5.4	17
4.7				4x5.4	15	4x5.4	18	4x5.4
10			4x5.4	21	4x5.4	25	4x5.4	29
22	4x5.4	22	4x5.4	31	4x5.4	33	5x5.4	37
33	4x5.4	24	4x5.4	37	5x5.4	41	5x5.4	37
47	4x5.4	26	5x5.4	45	5x5.4	52	6.3x5.4	49
56	5x5.4	42	5x5.4	54	6.3x5.4	68	6.3x5.4	74
68	5x5.4	45	5x5.4	62	6.3x5.4	72	6.3x5.4	80
100	5x5.4	56	5x5.4	70	6.3x5.4	76	6.3x7.7	93
150	6.3x5.4	74	6.3x5.4	78	6.3x7.7	100	8x10.2	135
220	6.3x5.4	82	6.3x7.7	95	6.3x7.7	150	8x10.2	183
330	6.3x7.7	102	8x10.2	150	8x10.2	250	8x10.2	228
470	6.3x7.7	150	8x10.2	270	8x10.2	300	10x10.2	330
680	8x10.2	214	10x10.2	320	10x10.2	380		
1000	10x10.2	310	10x10.2	330	10x10.2	430		
1500	10x10.2	320						