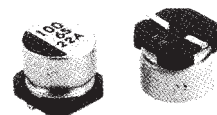


FEATURES

- 85°C,2000 hours assured
- Alternate sizes to theVE2 Series and replaces RV3 series
- RoHS compliant



SPECIFICATIONS

Item	Performance							
Operating Temp. Range	-40°C ~ + 85°C							
Capacitance Tolerance	± 20% (120Hz, 20°C)							
Leakage Current (at 20°C)	I=0.01CV or 3μA (whichever is greater) after 2 minutes, where C=rated capacitance in μF and V = rated working Voltage							
Dissipation Factor Tan δ at 120 Hz, 20°C	Rated Voltage	6.3	10	16	25	35	50	
	Tan δ (max)	0.42	0.32	0.26	0.18	0.14	0.12	
Low Temperature Characteristics (at 120Hz)	Rated Voltage		6.3	10	16	25	35	50
	Impedance Ratio Maximum	Z(-25°C) /Z(+20°C)	4	3	2	2	2	2
		Z(-40°C) /Z(+20°C)	8	8	5	5	4	4
Life Test	Test Time		Load Life				Shelf Life	
			2000 Hrs				1000 Hrs	
	Capacitance Change		Within ± 30% of initial value				Within ± 30% of initial value	
	Dissipation Factor		Less than 300% of specified value				Less than 300% of specified value	
	Leakage Current		Within specified value				Within specified value	
	Test Conditions		20°C (after rated voltage applied for 2000 hours at 85°C)				20° C (after storage for 1000 hours at 85°C without voltage)	
Ripple Current & Frequency Multipliers	VDC(V)	Freq. (Hz)	50	120	1K	10K up		
	Under 16		0.80	1.00	1.15	1.25		
	25 ~ 35		0.80	1.00	1.25	1.40		
	50		0.70	1.00	1.35	1.50		
Standards	JIS C 5101-1,-18							

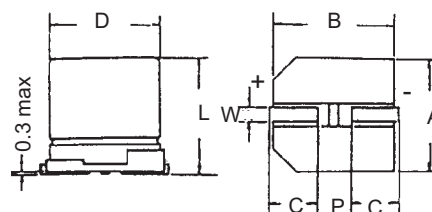
DIMENSION & PERMISSIBLE RIPPLE CURRENT

Ripple Current mA/rms at 120 Hz, 85°C

μ F	VDC	6.3V (0J)		10V (1A)		16V (1C)		25V (1E)		35V (1V)		50V (1H)	
		φD x L	mA	φD x L	mA	φD x L	mA	φD x L	mA	φD x L	mA	φD x L	mA
4.7	4R7											4 x 5.3	20
10	100									4 x 5.3	27	5 x 5.3	34
22	220					4 x 5.3	30			5 x 5.3	47	6.3 x 5.3	59
33	330			4 x 5.3	33			5 x 5.3	54	6.3 x 5.3	67	6.3 x 7.7	82
47	470	4 x 5.3	34			5 x 5.3	50	6.3 x 5.3	75			6.3 x 7.7	98
68	680			5 x 5.3	54			6.3 x 5.3	90	6.3 x 7.7	109		
100	101	5 x 5.3	58			6.3 x 5.3	103	6.3 x 7.7	124				
150	151	6.3 x 5.3	83			6.3 x 7.7	109						
220	221			6.3 x 7.7	130								
330	331	6.3 x 7.7	139										

PAD SPACING AND DIAMETER

φ D±0.5	L±0.5	A±0.2	B±0.2	C±0.2	W	P±0.2
4	5.3±0.2	4.3	4.3	2.0	0.5 to 0.8	1.0
5	5.3±0.2	5.3	5.3	2.3	0.5 to 0.8	1.5
6.3	5.3±0.2	6.6	6.6	2.7	0.5 to 0.8	2.0
6.3	7.7±0.2	6.6	6.6	2.7	0.5 to 0.8	2.5



PART NUMBER EXAMPLE VE3 100 M 1V TR 040 053