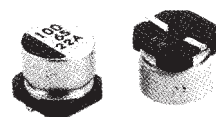


FEATURES

- 105°C, 2000 hours assured
- Low Impedance
- Replaces RVH Series
- RoHS Compliant



SPECIFICATIONS

Item	Performance									
Operating Temp. Range	-55°C ~ + 105°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 V=rated DC working Volts									
Dissipation Factor	Rated Voltage	6.3	10	16	25	35				
Tan δ at 120 Hz, 20°C	Tan δ (max)	0.30	0.26	0.22	0.16	0.13				
Low Temperature	Rated Voltage			6.3	10	16	25	35		
Characteristics (at 120Hz)	Impedance Ratio	Z(-25°C) / Z(+20°C)		4	3	2	2	2		
		Z(-40°C) / Z(+20°C)		8	5	4	3	3		
Life Test	Test Time		Load Life					Shelf Life		
			2000 Hrs				1000 Hrs			
	Capacitance Change		Within ±20% of initial value					Within ± 20% of initial value		
	Dissipation Factor		Less than 200% of specified value					Less than 200% of specified value		
	Leakage Current		Within specified value					Within specified value		
	Test Conditions		20°C (after rated voltage applied for 2000 hours at 105°C)					20° C (after storage for 1000 hours at 105°C without voltage)		
Ripple Current & Frequency Multipliers	VDC(V)	Freq. (Hz)	50,60	120	1K	10K up				
	6.3 ~ 35		0.64	0.8	0.93	1.0				
Standards	Satisfies Characteristic W of JIS C 5141									

DIMENSION, IMPEDANCE & PERMISSIBLE RIPPLE CURRENT

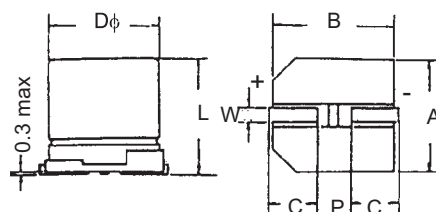
Ripple Current mA/rms at 120 Hz, 105°C

Impedance: at 100K Hz, 20°C

VDC		6.3V (0J)			10V (1A)			16V (1C)			25V (1E)			35V (1V)		
μF	Contents	φD x L	Imp.	mA	φD x L	Imp.	mA	φD x L	Imp.	mA	φD x L	Imp.	mA	φD x L	Imp.	mA
47	470													8 x 10	0.45	369
100	101										8 x 10	0.45	369	10 x 10	0.25	553
150	151													8 x 10	0.45	369
220	221				8 x 10	0.45	369				10 x 10	0.25	553			
											8 x 10	0.45	369			
330	331	8 x 10	0.45	369			553	10 x 10	0.25	553						
								8 x 10	0.45	369						
470	471	8 x 10	0.45	369	10 x 10	0.25	553	8 x 10	0.45	369						
					8 x 10	0.45	369									
820	821				10 x 10	0.25	553									
1000	102	10 x 10	0.25	553												

PAD SPACING AND DIAMETER

φ D±0.5	L	A±0.2	B±0.2	C±0.2	W	P±0.2
8	10±0.5	8.4	8.4	3.0	0.7 to 1.1	3.1
10	10±0.5	10.4	10.4	3.3	0.7 to 1.1	4.7



PART NUMBER EXAMPLE VEH 470 M 1V TR 080 100