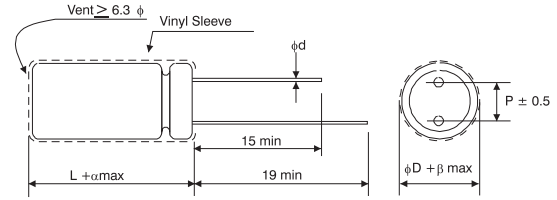


FEATURES

- 3,000 ~ 5,000 hours assured
- 125°C
- For high temperature applications
- RoHS Compliant



SPECIFICATIONS

Items	Performance							
Operating Temperature Range	-40 °C ~ + 125°C							
Capacitance Tolerance	±20% (at 120Hz, 20 °C)							
Leakage Current (at 20 °C)	I = 0.01CV or 3 (μ A) whichever is greater after 2 minutes Where C = rated capacitance in μF. V = rated DC working voltage in V.							
Dissipation Factor (Tan δ at 120Hz, 20 °C)	Rated Voltage	10	16	25	35	50	63	
	Tan δ (max)	0.15	0.12	0.10	0.10	0.08	0.08	
Low Temperature Characteristics (at 120Hz)	Impedance ratio shall not exceed the values given in the table below.							
	Rated Voltage		10	16	25	35	50	63
	Impedance Ratio	Z (-25) / Z (+20 °C)	3	2	2	2	2	2
Z (-40) / Z (+20 °C)		6	4	4	4	4	4	
Load Life Test	Test Time	3,000 hrs for φD ≤ 8 mm 5,000 hrs for φD ≥ 10 mm						
	Capacitance Change	Within ± 20% of initial value						
	Dissipation Factor	Less than 200% of specified value						
	Leakage Current	Within specified value						
	* The above specifications shall be satisfied when the capacitors are restored to 20 °C after applied with rated subjected to DC voltage with the rated ripple current is applied for 3,000 / 5,000 hrs at 125 °C							
Shelf Life Test	Test Time	1,000 hours						
	Capacitance Change	Within + 20% of initial value						
	Dissipation Factor	Less than 200% of specified value						
	Leakage Current	Less than 500% of specified value						
	* The above specifications shall be satisfied when the capacitors are restored to 20 °C after exposing them for 1,000 hrs at 125 °C without voltage applied. (The procedures before testing JIS C 5102 4.4)							
Other Standards	JIS C 5101-4							

LEAD SPACING AND DIAMETER

D	8	10	12.5	16
P	3.5	5.0	5.0	7.5
d	0.6		0.8	
	1.0	1.5		
	0.5			

DIMENSIONS AND PERMISSIBLE RIPPLE CURRENT

Dimension: φD×L(mm) Ripple Current: mA/RMS at 120Hz 125°C

μF	V.DC Contents	10V (1A)		16V (1C)		25V (1E)		35V (1V)		30V (1H)		63V (1J)	
		D x L	mA	D x L	mA	D x L	mA	D x L	mA	D x L	mA	D x L	mA
0.47	R47									8 x 11.5	12	8 x 11.5	12
1	010									8 x 11.5	17	8 x 11.5	17
2.2	2R2									8 x 11.5	26	8 x 11.5	26
3.3	3R3									8 x 11.5	32	8 x 11.5	32
4.7	4R7									8 x 11.5	38	8 x 11.5	38
10	100									8 x 11.5	56	8 x 11.5	56
22	220							8 x 11.5	75	10 x 12.5	99	10 x 12.5	99
33	330					8 x 11.5	92	10 x 12.5	108	10 x 16	133	10 x 16	133
47	470			8 x 11.5	100	10 x 12.5	129	10 x 16	142	10 x 16	159	10 x 20	173
100	101	10 x 12.5	154	10 x 16	190	10 x 16	208	10 x 20	225				
220	221	10 x 16	252	10 x 20	305	12.5 x 20	371	12.5 x 25	403	12.5 x 20	279	12.5 x 20	279
330	331	10 x 16	308	12.5 x 20	414	12.5 x 25	493	16 x 20	503				
470	471	10 x 20	399	12.5 x 25	537	16 x 20	601			16 x 20	459		
1,000	102	16 x 20	715										

PART NUMBER EXAMPLE **RUK 100 M 1H BK 080 115**