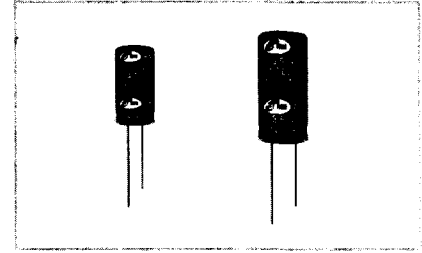


## RW High Temperature Range, For 125°C Use Series

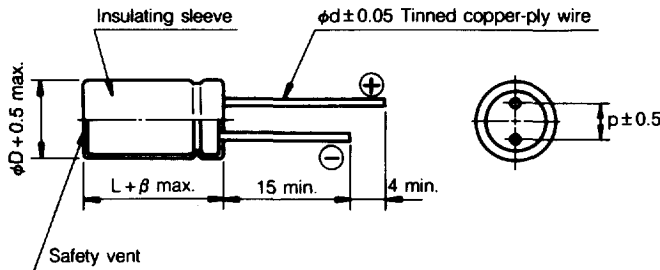
- Load life of 2000 hours at 125°C (WV ≤ 50)
- Low ESR, low impedance and high ripple current
- Suited for use under severe environmental conditions



Item	Characteristics	
Operating temperature range	WV ≤ 50 : -55 ~ +125°C, WV ≥ 63 : -40 ~ +125°C	
Capacitance tolerance	±20% at 120Hz, 20°C	
Leakage current max.	WV ≤ 100	
	I = 0.002CV or 2μA whichever is greater (after 5 min)	
Dissipation factor max. (at 120Hz, 20°C)	WV > 100	
	I = 0.002CV + 10μA (after 5 min)	
Low temperature characteristics (Impedance ratio at 120Hz)	WV	10
	Z-25°C/Z+20°C	3
	Z-40°C/Z+20°C	5
Load life	WV	16 ~ 250
	Z-25°C/Z+20°C	2
	Z-40°C/Z+20°C	4
	tanδ	0.15
Shelf life (at 125°C)	WV ≤ 50	WV ≥ 63
	After application of the rated voltage for 2000 hours at 125°C	After application of the rated voltage for 1000 hours at 125°C
	Leakage current	Less than specified value
	Capacitance change	Within ±20% of initial value
	tanδ	Less than 200% of specified value
After 1000 hours no load test, leakage current, capacitance and tanδ are same as load life value.		

### ● DRAWING

Unit : mm



φD	8	10	13	16
P	3.5	5.0	5.0	7.5
φd	0.6	0.6	0.6	0.8
β	2.0		2.5	

### ● DIMENSIONS & MAXIMUM PERMISSIBLE RIPPLE CURRENT

WV/V	10	16	25	35	50	63	100	160	200	250						
0.47					8×11.5	13	8×11.5	13	8×11.5	13	10×12.5	10	10×12.5	10	10×12.5	10
1.0					8×11.5	19	8×11.5	19	8×11.5	19	10×12.5	15	10×12.5	15	10×12.5	14
2.2					8×11.5	28	8×11.5	28	10×12.5	33	10×16	24	10×16	24	10×16	24
3.3					8×11.5	34	8×11.5	34	10×16	44	10×16	32	10×20	32	10×20	32
4.7					8×11.5	41	8×11.5	41	10×16	52	10×20	38	10×20	38	13×20	45
10					8×11.5	53	8×11.5	60	8×11.5	60	10×20	83	13×20	66	13×25	79
22			8×11.5	79	8×11.5	79	10×12.5	103	10×16	113	13×25	157	16×25	118	16×31.5	129
33		8×11.5	89	8×11.5	97	10×12.5	113	10×16	138	10×20	151	16×25	214	16×31.5	158	
47	8×11.5	95	8×11.5	106	10×12.5	135	10×16	147	10×20	180	13×20	211	16×31.5	279		
100	10×12.5	160	10×16	196	10×20	235	13×20	275	13×25	336	13×25	336				
220	10×20	284	13×20	373	13×25	445	16×25	494								
330	13×20	408	13×25	498	16×25	605										
470	13×25	532	16×25	659												

↑ Ripple current (mA rms) at 105°C, 120Hz  
 ↑ Case size φD × L (mm)