



# RD Long Life Assurance, High Ripple Current

☆ High ripple current at high frequency, Load Life of 8000-10000 Hours at 105°C

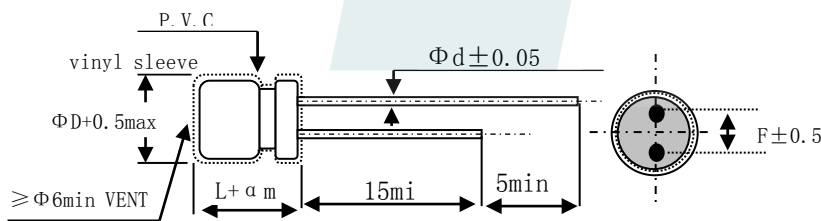
☆ Suitable for electronic ballast, Power supply input circuit

### Specifications

Operating temperature range	-40~+105°C			-25~+105°C		
Rated voltage range	200to400V DC			450V DC		
Nominal capacitance range	10 ~ 330μF					
Capacitance tolerance	±20% (25°C, 120Hz)					
Leakage current	1 ≤ 0.02CRUR + 10 (μA) 2分钟 ( 2minutes )			1 ≤ 0.03CRUR + 10 (μA) 2分钟 ( 2minutes )		
Tg δ Dissipation	U <sub>R</sub> (V)	200	250	350	400	450
	t <sub>g δ</sub>	0.08	0.08	0.08	0.08	0.12
Temperature	U <sub>R</sub> (V)	200	250	350	400	450
	Z-25°C / Z+20°C	3	3	5	5	6
	Z-40°C / Z+20°C	6	6	6	6	/
Load life	After appyinyng rated voltage with specified ripple current for 8000 to 10000hours at +105°C and then resumed 16h Capacitance change: Within ±20% of the initial measured value Leakage current: Not more than the initial specified value Dissipation factor: Not more than 200% of the iniaial specified value					
Shelf life	After storage for 1000hours at +105°C then resumed 16hours; Capacitance change: With ±15% of the initial measured value Leakage current: Not more than 200% of the initial specified value Dissipation factor: Not more than 200% of the initial specified value					

### Case size table

Unit:mm



ΦD	6	8	10	12	13	16	18
F	2.5	3.5	5.0		7.5		
Φd	0.5		0.6		0.8		
α	1.0		1.5		2.0		

### Nominal capacitance, rated voltage, rated ripple current and case size table

C <sub>R</sub> (μF)	U <sub>R</sub> (V) Item code	200 (2D)		250 (2E)		350 (2V)		400 (2G)		450 (2W)	
		D×L (mm)	Ripple (mA)	D×L (mm)	Ripple (mA)	D×L (mm)	Ripple (mA)	D×L (mm)	Ripple (mA)	D×L (mm)	Ripple (mA)
10	100			10×17	320	10×20	300	10×20	280	12.5×20	310
15	150			10×20	380			12.5×20	350	12.5×25	410
22	220	10×20	450	12.5×20	410	12.5×20	320	12.5×25	380	16×20	500
33	330	10×20	500	12.5×20	500	16×20	420	16×20	500	16×30	650
47	470	12.5×20	640	12.5×25	720	16×25	650	16×25	640	18×30	820
68	680	12.5×25	800	16×25	800	16×30	850	18×30	900	18×30	840
100	101	16×25	1150	16×30	1250	18×30	950	18×30	220		
150	151	16×25	1250	18×30	1600						
220	221	18×30	1800	18×40	1800						
330	331	18×40	2100								