



# RWE-LR Series

- For high ripple current application such as air conditioning system
- Endurance with ripple current : 85°C 3000 hours
- Custom-made parts are also available upon requests

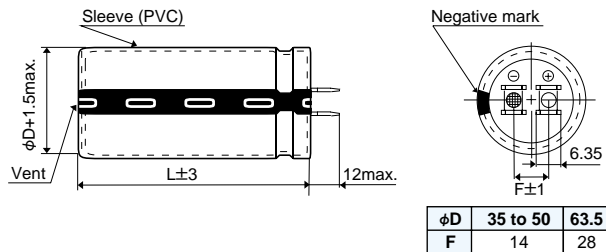


## ◆ SPECIFICATIONS

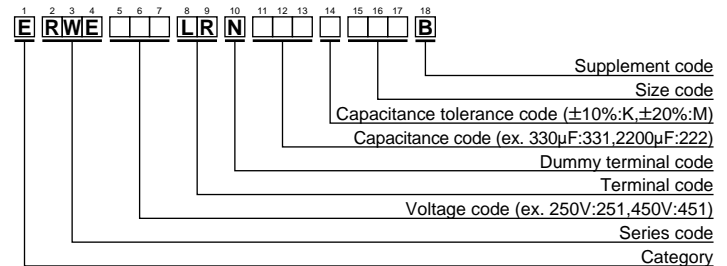
Items	Characteristics
Category Temperature Range	-25 to +85°C
Rated Voltage Range	250V <sub>dc</sub> 330 to 450V <sub>dc</sub>
Capacitance Tolerance	±10%, (K) (250V <sub>dc</sub> ) ±20% (M) (330 to 450V <sub>dc</sub> ) (at 20°C, 120Hz)
Leakage Current	I=0.02CV or 3mA, whichever is smaller. Where, I : Max. leakage current (μA), C : Nominal capacitance (μF), V : Rated voltage (V) (at 20°C after 5 minutes)
Dissipation Factor (tanδ)	0.02 max. (250V <sub>dc</sub> ) 0.25 max. (330 to 450V <sub>dc</sub> ) (at 20°C, 120Hz)
Low Temperature Characteristics	Z(-25°C)/Z(+20°C) ≤ 4 (at 120Hz)
Insulation Resistance	When measured between the terminals shorted each other and the mounting clamp on the insulating sleeve covering the case by using an insulation resistance meter of 500V <sub>dc</sub> , the insulation shall not be less than 100MΩ.
Insulation Withstanding Voltage	When a voltage of 1500V <sub>ac</sub> is applied for 1 minute between the terminals shorted each other and the mounting clamp on the insulating sleeve covering the case, there shall not be electrical damage.
Endurance	The following specifications shall be satisfied when the capacitors are restored to 20°C after subjected to DC voltage with the rated ripple current is applied for 3000 hours at 85°C.
	Capacitance change ≤ ±20% of the initial value
	D.F. (tanδ) ≤ 200% of the initial specified value
Shelf Life	The following specifications shall be satisfied when the capacitors are restored to 20°C after exposing them for 1000 hours at 85°C without voltage applied.
	Capacitance change ≤ ±15% of the initial value
	D.F. (tanδ) ≤ 150% of the initial specified value

## ◆ DIMENSIONS [mm]

- Terminal Code : LR (φ35 to φ63.5)



## ◆ PART NUMBERING SYSTEM



Please refer to "A guide to global code (snap-in type)"

## ◆ STANDARD RATINGS

WV (V <sub>dc</sub> )	Cap (μF)	Case size φDXL(mm)	tanδ	Rated ripple current (Arms/85°C,120Hz)	Part No.
250	330	35×70	0.02	4.5	ERWE251LRN331KA70B
	360	35×70	0.02	4.7	ERWE251LRN361KA70B
	390	35×70	0.02	4.9	ERWE251LRN391KA70B
	440	35×80	0.02	5.4	ERWE251LRN441KA80B
	470	35×80	0.02	5.6	ERWE251LRN471KA80B
330	500	35×90	0.02	6.0	ERWE251LRN501KA90B
	1000	35×80	0.25	3.9	ERWE331LRN102MA80B
	1300	35×100	0.25	4.8	ERWE331LRN132MAA0B
	1500	35×100	0.25	5.2	ERWE331LRN152MAA0B
	1500	40×90	0.25	5.3	ERWE331LRN152MB90B
	1800	40×100	0.25	6.1	ERWE331LRN182MBA0B
350	2200	40×110	0.25	7.0	ERWE331LRN222MBA0B
	1000	35×80	0.25	3.9	ERWE351LRN102MA80B
	1300	35×100	0.25	4.8	ERWE351LRN132MAA0B
	1500	35×110	0.25	5.4	ERWE351LRN152MAB0B
	1500	40×100	0.25	5.5	ERWE351LRN152MBA0B
	1800	40×110	0.25	6.3	ERWE351LRN182MBA0B
	1800	50×80	0.25	6.2	ERWE351LRN182MCA0B
	2200	50×90	0.25	7.3	ERWE351LRN222MCA0B
400	1000	35×100	0.25	4.2	ERWE401LRN102MAA0B
	1300	40×100	0.25	5.2	ERWE401LRN132MBA0B
	1500	40×110	0.25	5.8	ERWE401LRN152MBA0B
	1500	50×90	0.25	6.0	ERWE401LRN152MC90B
	1800	50×100	0.25	6.9	ERWE401LRN182MCA0B
	2200	50×110	0.25	7.9	ERWE401LRN222MCA0B
420	1000	35×110	0.25	4.4	ERWE421LRN102MAB0B
	1300	40×110	0.25	5.4	ERWE421LRN132MBA0B
	1500	50×90	0.25	6.0	ERWE421LRN152MC90B
	1800	50×100	0.25	6.9	ERWE421LRN182MCA0B
	2200	50×120	0.25	8.3	ERWE421LRN222MCA0B
450	1000	40×100	0.25	4.5	ERWE451LRN102MBA0B
	1300	50×90	0.25	5.6	ERWE451LRN132MC90B
	1500	50×100	0.25	6.3	ERWE451LRN152MCA0B
	1800	50×120	0.25	7.5	ERWE451LRN182MCA0B
	2200	63.5×100	0.25	8.7	ERWE451LRN222MDA0B