

WU Series

Features

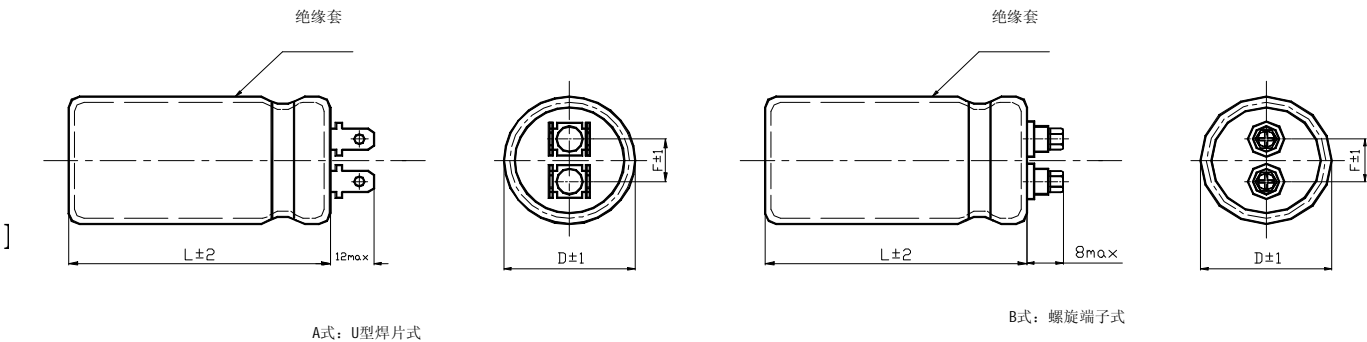
- ◆ Used in Frequency Converter of Air Conditioner , 2000 hours at 85℃ .
- ◆ U Terminal Type.
- ◆ RoHS Compliant .



Specifications

Item	Performance Characteristics	
Temperature Range	-25~+85℃	
Rated Voltage Range	400~450Vdc	
Capacitance Range	680~3900μF	
Capacitance Tolerance	±20% ( 120Hz, +20℃ )	
Leakage Current (+20℃,max.)	$I \leq 3 \sqrt{CV}$ (μA) ( After 5 minute application of rated voltage at +20℃ )	
Dissipation Factor(tgδ) 120Hz, +20℃	Less than the value specified in the standard products table.	
Endurance	After applying rated voltage with rated ripple current for 2000 hours at 85℃,the capacitors shall meet the following requirements.	
	Capacitance Change	Within ±20% of the initial value
	Dissipation Factor	No more than 200% of the specification value
	Leakage Current	No more than the specification value
Shelf Life	After storing the capacitors under no load at 85℃ for 1000 hours, the characters shall meet the following requirements.	
	Capacitance Change	Within ±20% of the initial value
	Dissipation Factor	No more than 200% of the specification value
	Leakage Current	No more than 200% of the specification value
Others	JISC-5101(IEC 60384)	

Dimensions



Frequency coefficient

Frequency(Hz)	50	120	300	1K	10K
Factor	0.70	1.00	1.10	1.30	1.40

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Case size & Maximum permissible ripple current

WV ΦD Cap	400			450		
	Case Size D×L (mm)	Ripple Current (A)	tanδ (MAX)	Case Size D×L (mm)	Ripple Current (A)	tanδ (MAX)
680	50.8×65	2.70	0.20	50.8×65	2.60	0.20
820	50.8×65	3.00	0.20	50.8×75	3.10	0.20
1000	50.8×75	3.50	0.20	50.8×75	3.50	0.20
1200	50.8×75	3.80	0.20	50.8×95	4.30	0.20
1500	50.8×95	4.70	0.20	50.8×110	4.80	0.20
1800	50.8×95	5.10	0.20	50.8×120	5.50	0.20
2200	50.8×120	6.20	0.20	63.5×95	6.30	0.20
2700	63.5×95	6.90	0.20	63.5×105	7.10	0.20
3300	63.5×105	7.90	0.20	63.5×120	8.30	0.20
3900	63.5×120	9.00	0.20	63.5×145	9.80	0.20

Size ΦD×L (mm), Ripple Current (A, rms. /85℃ 120Hz) .  
Above size is the standard size for our product. If you need special size please contact our sales offices .