

WN 变频器专用品 (CD137型)

- 高纹波, 85°C, 5000小时。

High ripple current, Lode life of 5000 hours at 85°C.

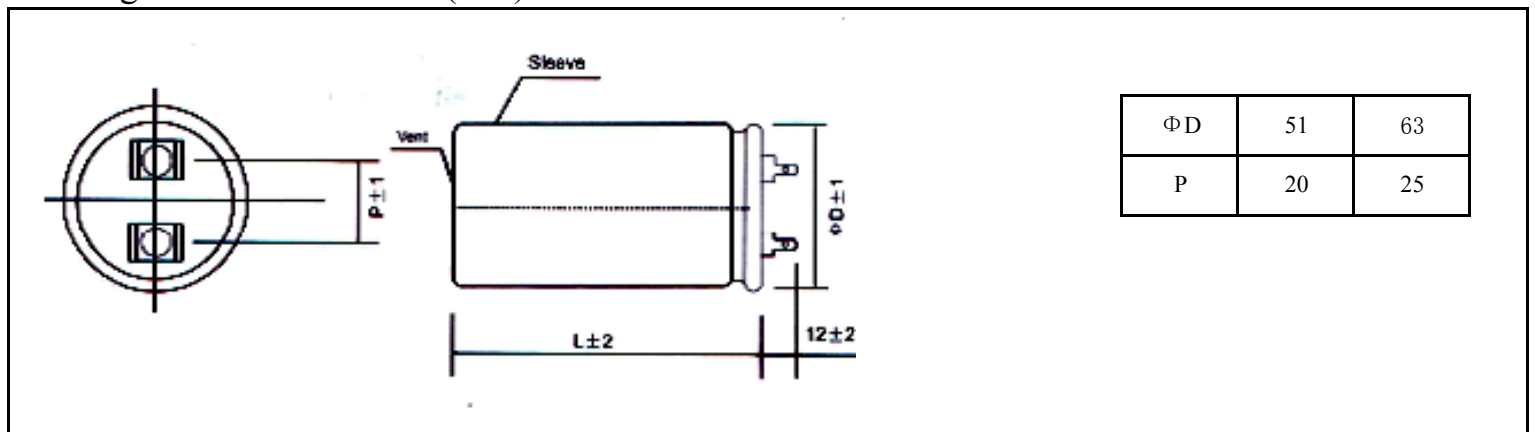
- 适用于变频空调, 变极器。

Used in air conditioner, general-purpose inverter.

Specifications

项目 Items	特性 Characteristics	
工作温度范围 Operating temperature range	-40~+85°C	
额定电压范围 Rated voltage range	400V~450V DC	
静电容量范围 Nominal capacitance toletance	680 μ F~3900 μ F	
静电容量误差 Capacitance toletance	±20% (120Hz:20°C)	
漏电流 (20°C) leakage current(20°C)	$I \leq 0.01CV$ or 5 mA after 5 minute (whichever is greater) I: Leakage current C: Normanl capacitance V: Rated voltage	
损耗角正切 Dissipation factor (120Hz:20°C)	Less than the value specified in the standard products tables	
高温负荷特性 Endurance	After applying rated for 5000 hours at 85°C then resumed 16 hours:	
	Capacitance change	Within ±20% of the initial measured value
	tgδ	≤200% of the initial specified value
高温贮存特性 Shelf life	Leakage current	≤initial specified value
	After storage for 1000 hours at 85°C then resumed 16 hours:	
	Capacitance change	Within ±20% of the initial measured value
	tgδ	≤200% of the initial specified value
Leakage current	≤initial specified value	

Diagram of Dimensions(mm)



Multiplier for Ripple Current vs. Frequency:

Frequency(Hz)	50(60)	120	300	1K	≥10K
Factor	0.70	1.00	1.10	1.30	1.40

Multiplier for Ripple Current vs. Temperature:

Temperature°C	40	60	70	85
Factor	2.70	2.02	1.67	1.00

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Standard Ratings

Rated Voltage (V.D.C)	Surge Voltage (V.D.C)	Rated capacitance (uF)	Leakage Current MAX(mA)	Dissipation Factor MAX	Ripple Current 85 °C 120 Hz(Arms)	Outline Size
						φ D×L
400	450	680	2.72	0.20	2.70	51×65
		820	3.28	0.20	3.00	51×65
		1000	4.00	0.20	3.50	51×75
		1200	4.80	0.20	3.80	51×75
		1500	5.00	0.20	4.70	51×95
		1800	5.00	0.20	5.10	51×95
		2200	5.00	0.20	6.20	51×120
		2700	5.00	0.20	6.90	63×95
		3300	5.00	0.20	7.90	63×105
		3900	5.00	0.20	9.00	63×120
450	500	680	3.06	0.20	2.60	51×65
		820	3.69	0.20	3.10	51×75
		1000	4.50	0.20	3.50	51×75
		1200	5.00	0.20	4.30	51×95
		1500	5.00	0.20	4.80	51×110
		1800	5.00	0.20	5.50	51×120
		2200	5.00	0.20	6.30	63×95
		2700	5.00	0.20	7.10	63×105
		3300	5.00	0.20	8.30	63×120
		3900	5.00	0.20	9.80	63×145

Permit ripple current : (Arms, 85°C, 120HZ)

Case size: φ D×L (mm)