

CAPACITORS APPROVAL SHEET

電 容 器 承 認 圖

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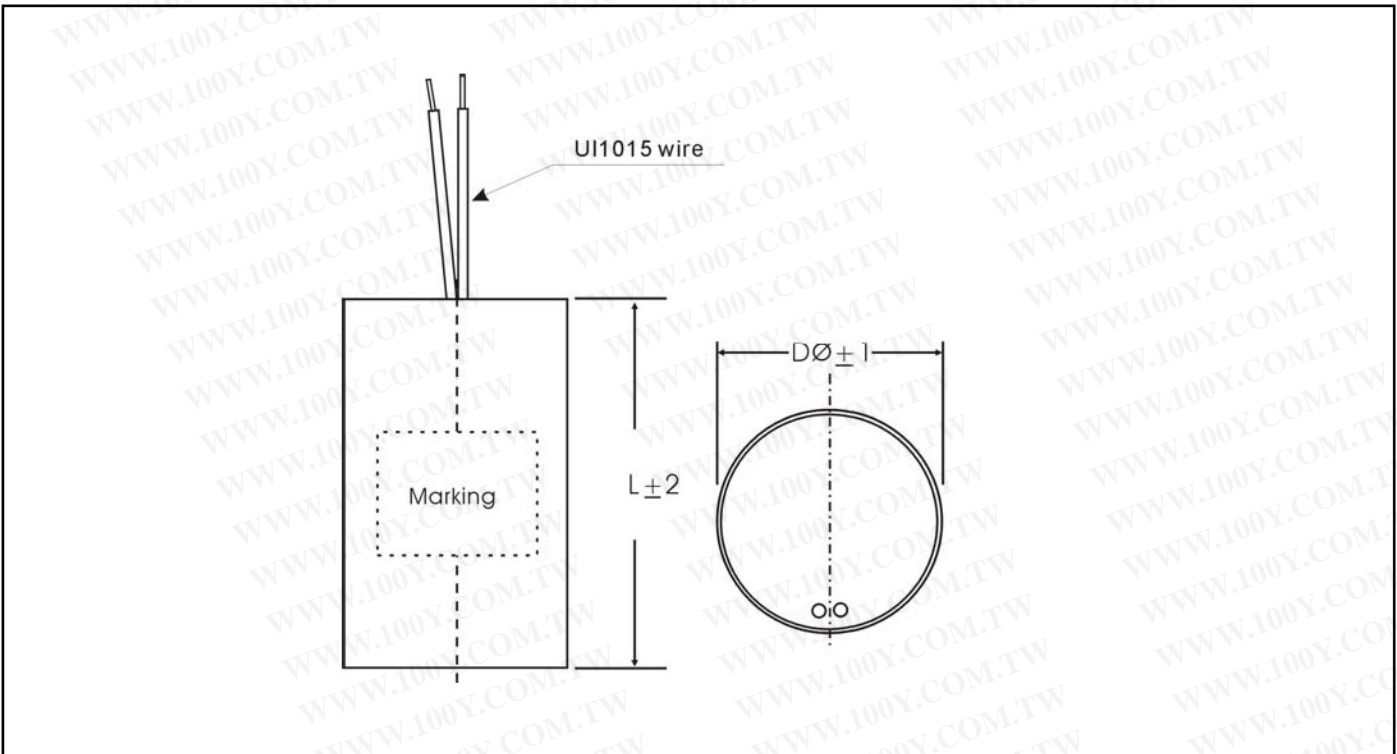
DIAGRAM DESCRIPTION:

圖 示 說 明

勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-34970699
 勝特力电子(深圳) 86-755-83298787
 Http://www.100y.com.tw

1. TYPE / MODEL: MFR - type
2. OPERATING TEMPERATURE: - 25°C ~ + 85°C
3. CAPACITANCE RANGE: 10 μF
4. CAPACITANCE TOLERANCE: + 10% ~ - 5%
5. RATED WORKING VOLTAGE RANGE: 450 VAC 50/60Hz.

SERIES 系列	P01M	TEMPERATURE RANGE 溫度範圍			-25°C~+85°C	CASE 容器	Plastic
TYPE / MODEL 型式 / 樣式	MFR	ELEMENT 成分	Metallized polypropylene film			UNIT 單位	M/m
RATED		DIAGRAM OF DIMENSIONS			圖 示 規 格 (m/m)		
NO.	CAP (μF)	TOL (%)	VAC	D	L		
1	10	+10~-5	450	35	60		



備註 DESCRIPTION					
P.V.C Wire: UL 1015	CHIEF 核圖	CHECK 檢圖	DRAWING 繪圖	TITLE 圖名	MFR-PL-UL1015 (1x1)
	M.K.L	C.W.L	L.C.L	DWG NO. 圖號	

SPECIFICATIONS

規 格 說 明

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TYPE / MODEL: MFR - type
METALLIZED POLYPROPYLENE FILM CAPACITOR

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1. UL FILE NO.:
2. OPERATING TEMPERATURE: $-25^{\circ}\text{C} \sim +85^{\circ}\text{C}$
3. CAPACITANCE RANGE: 10 μF
4. CAPACITANCE TOLERANCE: $+10\% \sim -5\%$
5. RATED WORKING VOLTAGE RANGE: 450 VAC 50/60Hz.
6. WITHSTAND VOLTAGE TEST:
 - (A) Terminal to terminal: Rated voltage $\times 1.75$ for 1 min.
 - (B) Between terminals and case: Rated voltage $\times 2 + 1000\text{V}$ for 1 min, at 25°C .
7. DISSIPATION FACTOR (DF) : 0.1%MAX. When measured at 50/60Hz.
8. INSULATION RESISTANCE (IR) :
 - (A) Terminals to terminal: $\geq 1000\text{ M}\Omega$
 - (B) Terminals to case: $\geq 2000\text{ M}\Omega$
9. OPERATION CONDITION :
 - (A) Max permissible over voltage: Rated voltage $\times 120\%$
 - (B) Max permissible over current: Rated current $\times 130\%$
 - (C) Rated current = $2 \times \pi \times \text{Hz} \times \text{Capacity} \times \text{Rated voltage} \times 10^{-6}$
Ex. Rated current of the cap/10 μF /450V = $2 \times 3.14 \times 60 \times 10 \times 450 \times 10^{-6} = 1.6956(\text{A})$
10. LIFE TEST :
 - (A) Max capacity VA: VA $\times 135\%$
 - (B) Continue life test: W.V $\times 120\%$, for $1000 \pm 12\text{hrs}$.
 - (C) On - off life test: W.V $\times 140\%$, On 2 sec. Off 2 sec. Test cycle $100,000 \pm 1,000$ times.