



CAPACITOR APPROVAL SHEET

Date: 2025/11/06

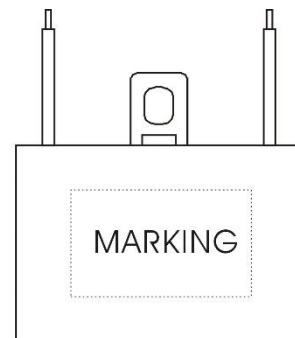
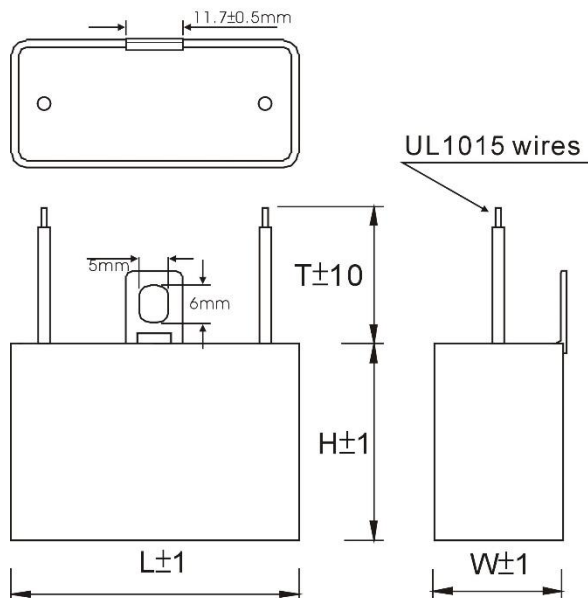
電 容 器 承 認 書

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1. TYPE/ MODEL: BXE
2. OPERATING TEMPERATURE: - 40°C ~ +85°C
3. CAPACITANCE (RANGE): 2.5 μ F (As the below table)
4. CAPACITANCE TOLERANCE: +10% ~ -5%
5. RATED WORKING VOLTAGE (RANGE): 250VAC
6. SAFETY CLASS: S0

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SERIES 系列		P02B		TEMPERATURE 溫 度 範 圍		- 40℃ ~ +85℃		CASE 容 器		PLASTIC/ 94V-0	
TYPE/MODEL 型式/ 樣式		BXE		ELEMENT 成 分		POLYPROPYLENE FILM			UNIT 單 位		mm
SPECIFICATION				DIMENSION/ SIZE (mm) 圖 樣 規 格							
NO.	CAP(μF)	TOL(%)	VAC	L	W	H	T	LEADING WIRE		LIFE	
1	2.5	+10/-5	250	32	11	21	100	AWG22		B	



MARKING EXAMPLE



DESCRIPTION AND NOTE 備 註 與 說 明				
1. SELF-HEALING/ S0 EXPLOSION PROOF				
2. DRY TYPE/ FILLED BLACK EPOXY				
3. RoHS COMPLIANT			TITLE 標題	P02B-BXE-(1x1)
4. LEADING UL1015 WIRES			DWG NO. 圖號	
5. LIFE CLASS B = 10K HRS				
6. UL CERTIFICATED NUMBER E231814				



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電 容 器 承 認 書

Page: 2

TYPE/ MODEL	:	BXE/ POLYPROPYLENE FILM
ACCORDING TO STANDARD	:	IEC60252-1/ EN60252-1
1 TEMPERATURE RANGE	:	- 40°C ~ +85°C
2 CLIMATIC CATEGORY	:	-40/ 85/ 21
3 CAPACITANCE RANGE	:	2.5 μ F (As the table in page 1)
4 CAPACITANCE TOLERANCE	:	+10% ~ -5%
5 RATED WORKING VOLTAGE	:	250VAC
6. DIELECTRIC STRENGTH	:	A After 150% rated voltage for 60 sec, no abnormality B After 175% rated voltage for 30 sec, no abnormality
7 TAN δ / DISSIPATION FACTOR (DF)	:	A 0.1% max when measured at 60Hz/ 220VAC, 25°C B 0.08% max when measured at 1KHz/ 1 Vrms, 25°C
8 WHITHSTAND TEST		
A TERMINAL TO CASE	:	Apply 200% rated voltage + 1000V for 5 sec, 25°C
B BETWEEN TERMINALS	:	Apply 200% rated voltage for 2 sec, 25°C
9 INSULATION RESISTANCE	:	$\geq 2000M\Omega$ between terminal and case
10 DAMP HEAT TEST		In accordance with IEC60068-2-3
A TEMPERATURE/ HUMIDITY	:	In the test of $40\pm 3^{\circ}C$ and 90~95%
B TEST DURATION	:	21 days
CRITERIA	:	No visible damage, the capacitance change $\leq 0.5\%$ of the initial value and Tan $\delta \leq 0.11\%$ after the test
11 HUMIDITY BIAS TEST	:	Not available
12 ENDURANCE TEST A	:	Shall be pass with terms no visible damage, capacitance changed $\leq 3\%$ of the initial value and Tan $\delta \leq 0.3\%$ after applied 135% rated voltage at 85°C last to 1000 hours
13 ENDURANCE TEST B		In accordance with JIS4908
A TEST TEMPERATURE	:	$85\pm 3^{\circ}C$
B TEST VOLTAGE	:	Apply 140% rated voltage
C TEST DURATION	:	Applied to the test voltage with 2 sec on and 2 sec off per cycle, totally 100,000 $\pm$ 1000cycles shall be tested
D CRITERIA	:	No visible damage, the capacitance change $\leq 5\%$ of the initial value and Tan $\delta \leq 0.15\%$ after the test

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