

DATASHEET



FILM CAPACITORS – AC motor capacitor

PART NO.: CB61205P0250W25J000

YUHUA ELECTRICAL

CBB61 Series, 250VAC, 2 μ F, $\pm$ 5%, -25°C~85°C , Radial, L37*W13*H22mm

Date: 9/18/2026

Version: 2.0

AUTHORIZED DISTRIBUTOR

NextGen Components, Inc.

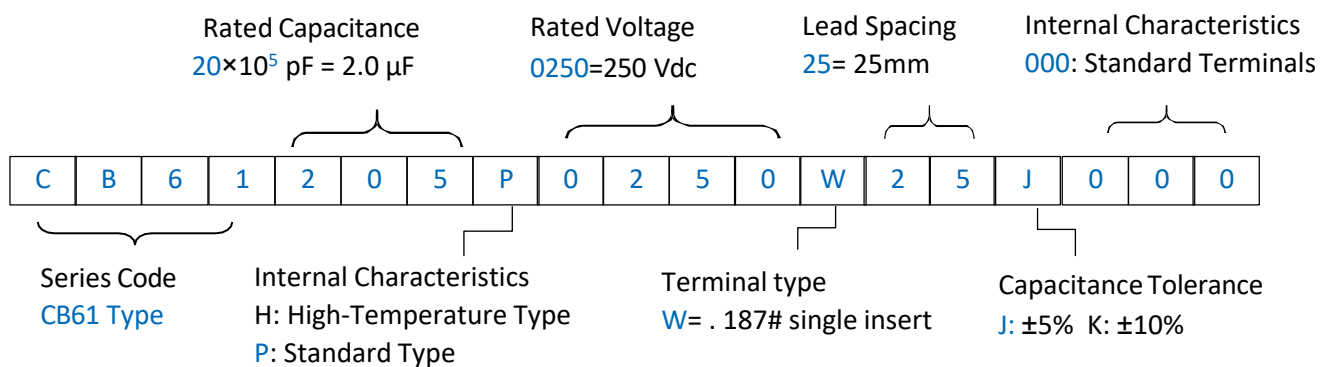
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■ PART NUMBER GUIDE

The 19 digits part number is formed as follow:



■ PRODUCT PICTURE



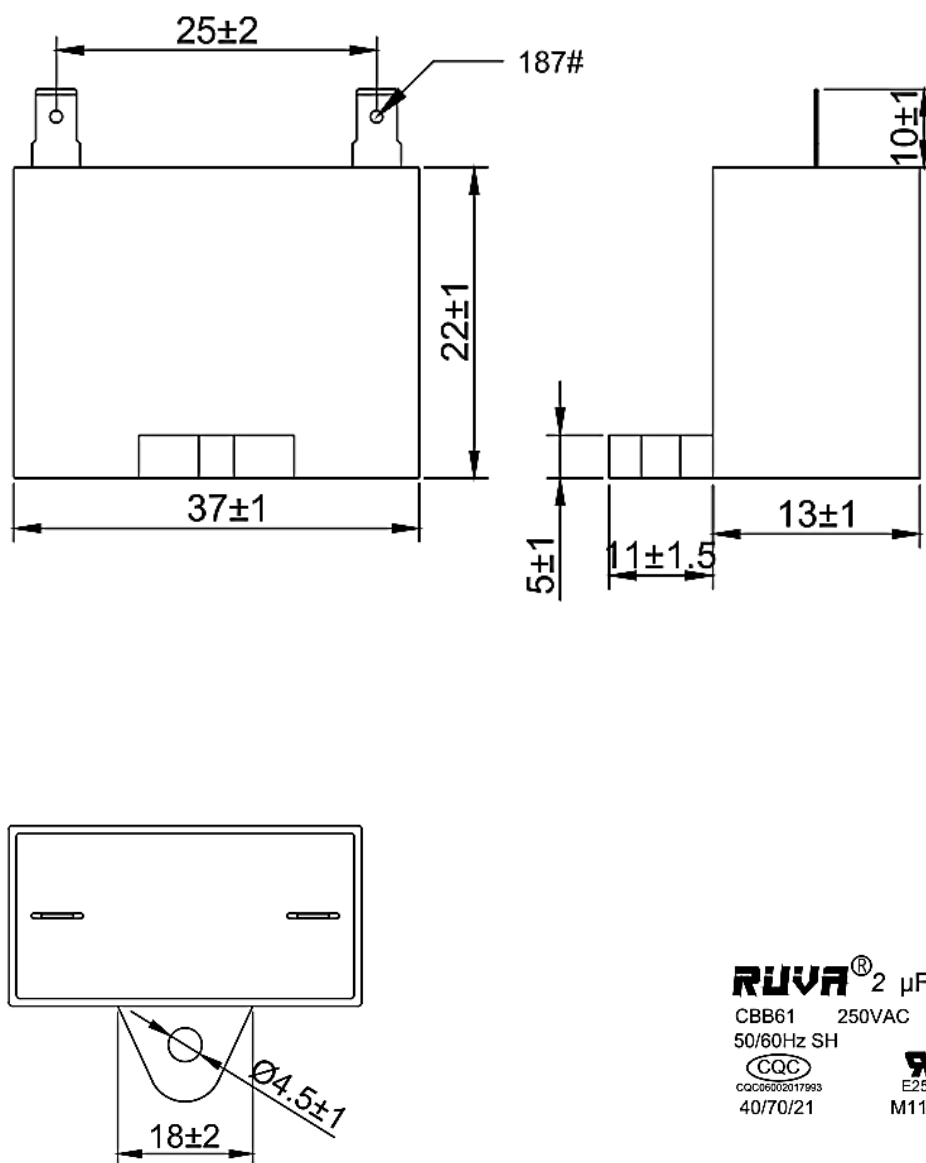
■ TYPICAL APPLICATION

1. Suitable for electric fan, exhaust fan, electric water pump, help to start and run the motor.

■ FEATURES

1. Low loss, high insulation resistance;
2. Excellent self-healing and high stability;
3. Strong impulse current resistance and overload capability;

■ OUTLINE DRAWING



RUVA® 2 $\mu\text{F} \pm 5\%$
 CBB61 250VAC S0 B
 50/60Hz SH
 CQC
 CQC06002017993
 40/70/21

RU
 E256239
 M1119001

■ TECHNICAL DATA

Parameter	Value
Detailed data	
Rated capacitance	2μF
Capacitance tolerance	±5%(J)
Rated voltage	250V.AC
Max current Irms	/
Rated frequency	50/60Hz
Change rate of voltage	/
Tangent of loss angle	tgδ≤0.0020 (1kHz)
Equivalent resistor in series	/
Mixed inductance	/
Insulation resistor	IR·C≥5000S
VT-T (terminal and terminal)	500V.AC/10S
VT-C (terminal and case)	— —
Characteristic of structure	
Shape	plastic case
Filling material	Flame-resistant epoxy resin
Medium material	PP
Connect terminal	187# single insert
Max warp distance of terminal	— —
Working condition	
Humidity of environment	0~95%
Operating temperature	-40°C~70°C
Cooling way	Natural cooling
Safety class	
Standard	IEC 60252 / GB/T 3667
Flame-resistant class	UL94-V0