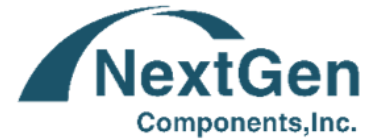


DATASHEET



FILM CAPACITORS – AC motor capacitor

PART NO.: C65AR6505JA500D3004

YUHUA ELECTRICAL

CBB65 Series, 370VAC, 5 μ F, $\pm$ 5% , -25°C~70°C , Radial, D40*H50mm

Date: 9/18/2026

Version: 2.0

AUTHORIZED DISTRIBUTOR

NextGen Components, Inc.

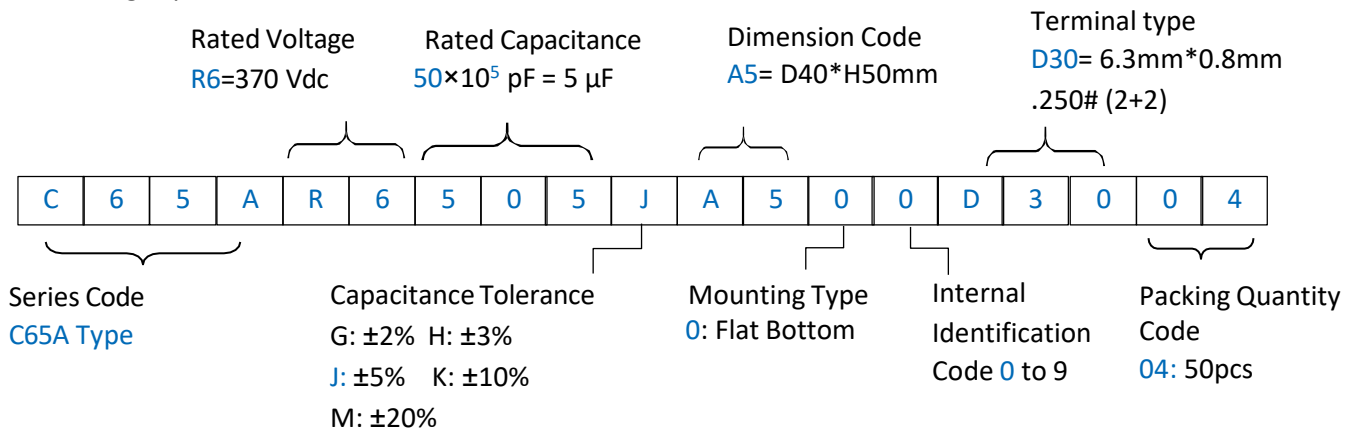
USA Office and Warehouse Location: 9 Orchard Road, Suit 106, Lake Forest, CA 92630, USA

RFQ/Order Support: sales@NextGenComponent.com

Note: This page was created by NextGen Components, Inc. ("NextGen"). The attached last document was created by the part manufacturer, not NextGen, and is provided strictly 'as is.' NextGen, its subsidiaries, affiliates, employees, and agents make no representations or warranties regarding the attached last document and disclaim any liability for the consequences of relying on the information therein. All referenced brands, product names, service names, and trademarks are the property of their respective owners.

■ PART NUMBER GUIDE

The 19 digits part number is formed as follow:



■ PRODUCT PICTURE



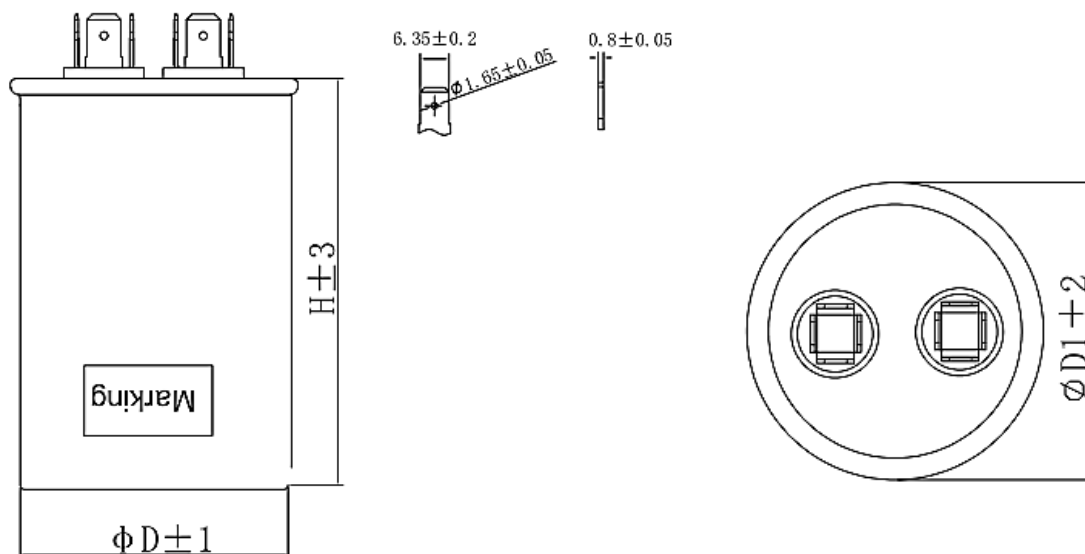
■ TYPICAL APPLICATION

1. Applicable to startup and operating of the compressor of air-conditioning and refrigerator.

■ FEATURES

1. Low loss, high insulation resistance;
2. Excellent self-healing and high stability;
3. Small volume and withstand high voltage;
4. Built-in explosion-proof device, reliable safety performance.

■ OUTLINE DRAWING



The example of Marking:

A:

RUVA® 370VAC (RoHS)
 Variable **15** μ F $\pm 5\%$ 50/60Hz
 40/70/21 S2 B SH
CQC CBB65
 CQC06002017922
 CBB65-A
TUV PLANT OIL
 EN60252-1
RU® Protected
 E317866 10 000AFC
 Ningguo Yuhua

B:

RUVA® 440VAC (RoHS)
 Variable **20** μ F $\pm 5\%$ 50/60Hz
 40/70/21 S2 B SH
CQC CBB65
 CQC06002017922
 CBB65-A
TUV PLANT OIL
 EN60252-1
RU® Protected
 E317866 10 000AFC
 Ningguo Yuhua

■ TECHNICAL REQUIREMENTS

Material code	Rated voltage	Nominal capacitance	Size (D×H)	φD1	Marking
C65AR6505JA500D3004	370V	5 μF	φ 40×50	43	A
C65AR6755J2500D3004		7.5 μF	φ 40×55	43	
C65AR6156J2900D3004		15 μF	φ 40×70	43	
C65AR6256J4100D3004		25 μF	φ 45×80	48	
C65AR6306J4300D3004		30 μF	φ 45×90	48	
C65AR6356J4500D3004		35 μF	φ 45×100	48	
C65AR6806J7100D3004		80 μF	φ 55×125	58	
C65AS1156J3800D3004	440V	15 μF	φ 45×65	48	B
C65AS1206J4000D3004		20 μF	φ 45×75	48	
C65AS1306J5000D3004		30 μF	φ 50×80	53	
C65AS1356J5200D3004		35 μF	φ 50×90	53	

1. The capacity of allowable deviation: $\pm 5\%$;
2. Test voltage: Between two electrodes: Two times of rated voltage, 4S; Between electrode and shells: 3000V~, 2S;
3. Insulation resistance: Between pole-shell $\geq 2000\text{M}\Omega$;
4. Dissipation factor: $\text{tg}\delta \leq 0.0020$ (100Hz);
5. Terminals: 250# (2+2);
6. Using a sticky label about the identification of CQC, TUV, UL, climate type and etc according to the certification marks;