



SPECIFICATION FOR APPROVAL

File No.:

Product Name	Metallized polypropylene film AC motor capacitor(column, plastic case)
Product Type	C68
Product Code	C68H2405J20B533
Customer	
Customer Code	
Issue Date	2024.12

Xiamen Faratronic Co., Ltd.			Approved by Customer
Drafted	Checked	Approved	



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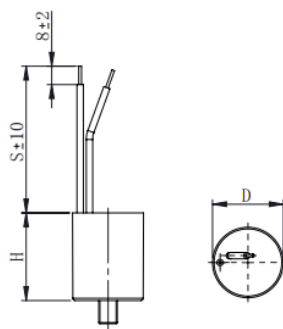
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Version history

Current version	Date	Author	Change description
	2024.12.24		Draft

Metallized polypropylene film AC motor capacitor (column, plastic case)

Outline Drawing



Insulated flexible lead wires

Features

- Widely applied to starting and running of AC single-phase motors at 50Hz/60Hz frequency power.
- Self-healing property
- Excellent stable performance and reliability

Safety Approval

●		CQC	GB/T 3667.1-2016 A.C. motor capacitors 1.0μF~100μF, 500Vac Class C or 450Vac Class B, 50/60Hz, S0, SH, 40/85/21 Certificate No.: 11002056845
●		VDE	EN 60252-1:2011+A1:2013 A.C. motor capacitors 1.0μF~80μF, 450Vac/500Vac, Class C or 450Vac /470Vac Class B, 50/60Hz, S0, SH,40/85/21 Certificate No.: 40035355
●		UL/CUL	UL 810 CSA,C22.2 No.190(construction only) max. 600Vac, 50/60Hz, max.90℃ File No.: E256238, CCN:CZDS2/8

Specifications

Rated voltage (UN)		500Vac (50/60Hz)
Class of operation		Class C
Capacitance range		4.0μF
Capacitance tolerance		±5%(J)
Class of safety protection		S0
Climatic Category		40/85/21
Voltage Proof	Between Terminals	1000Vac(2s)
	Between Terminals and Case	3 000Vac(60s)
Rated current (IN)		0.5A
Maximum permissible voltage		1.1 UN
Maximum permissible current		1.3 IN
Insulation resistance (IR×CN)		≥3 000s (20℃, 100V,1min)
Dissipation factor		≤20×10-4 (1kHz, 20℃)
Fixed style		Bottom-bolt M8
Dimensions (D×H-S)		30mm×48mm-300mm



■ Part number system

The 15 digits part number is formed as follow:

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
C	6	8												

Digit1 to 3 Series code

C68

Digit 4 to 5 AC rated voltage

H2=500V

Digit 6 to 8 Rated capacitance value

For example: 405=40×10⁵ pF= 4.0μF

Digit 9 Capacitance tolerance

J=±5%,K=±10%

Digit 10~15 Internal use