

	1	2	3	4	5	6																																												
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1	+	+	-	-																																														
2	-	+	+	-																																														
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CONFORM TO RoHS DNSTROCTIONS

A

B

C

D

Dimensionai drawing

Excitation sequence and
direciron ofclockwise

STEP	A+	B+	A-	B-
1	+	+	-	-
2	-	+	+	-
3	-	-	+	+
4	+	-	-	+

CW

CCW

seen from the mounting
surface lt lsclockwse

Winding drawing

Character	Specifications
Nunber of phase	2
Step Angle	1.8°
Rated Voltage	DC 4.1V
Rated current	DC 1.0A
Holding Torque	≥ 140mN. m
Winding resistance	4.1±10% ohm (20℃)
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Insulation resistance	100MΩ min. (500V DC)
Weight	0.2Kg
Insulation class	B Class

REV

Description

Date

INSPECTED

CHECKED

APPROVED

Date

Version

Model

MSM-30010-R0005

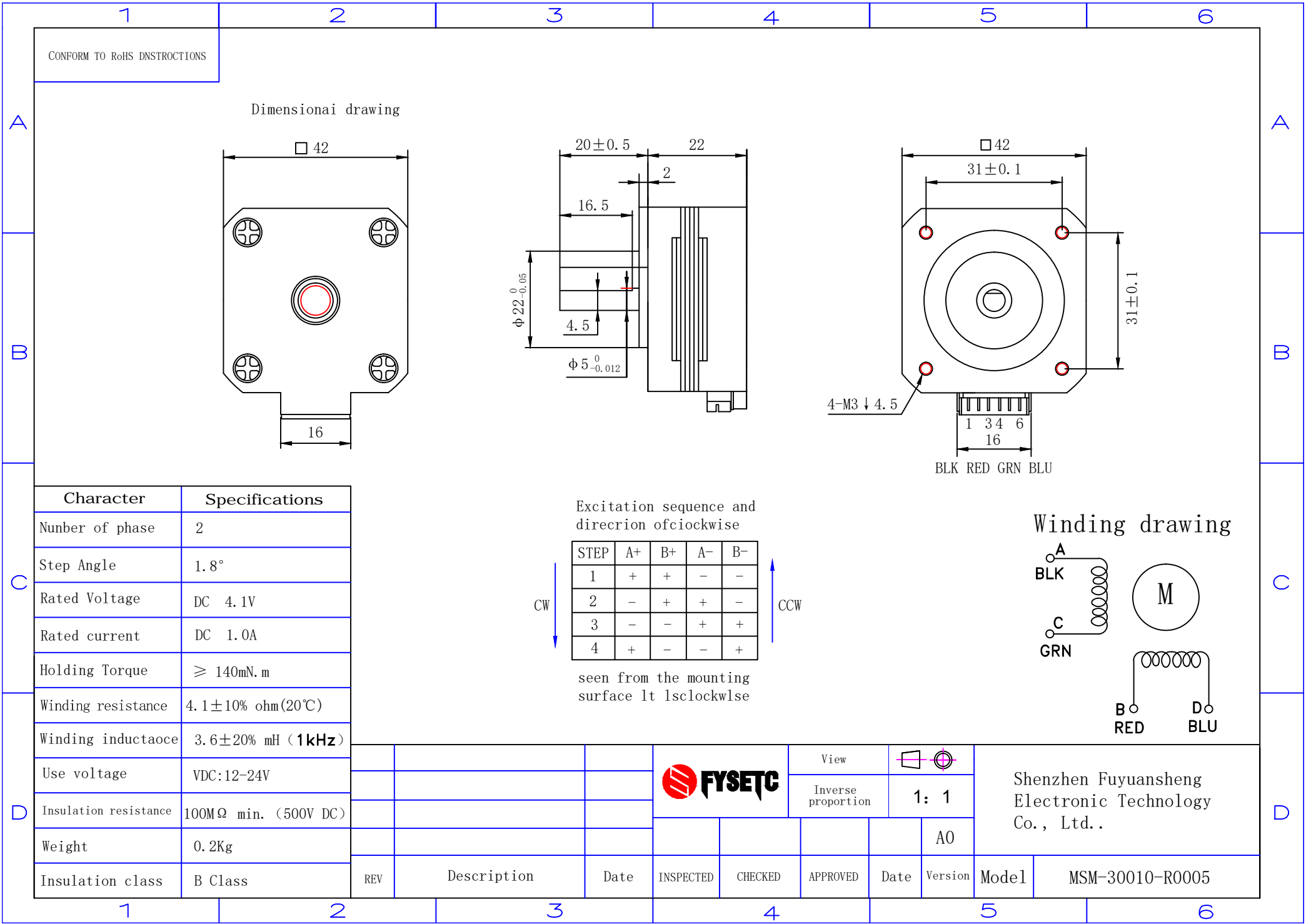
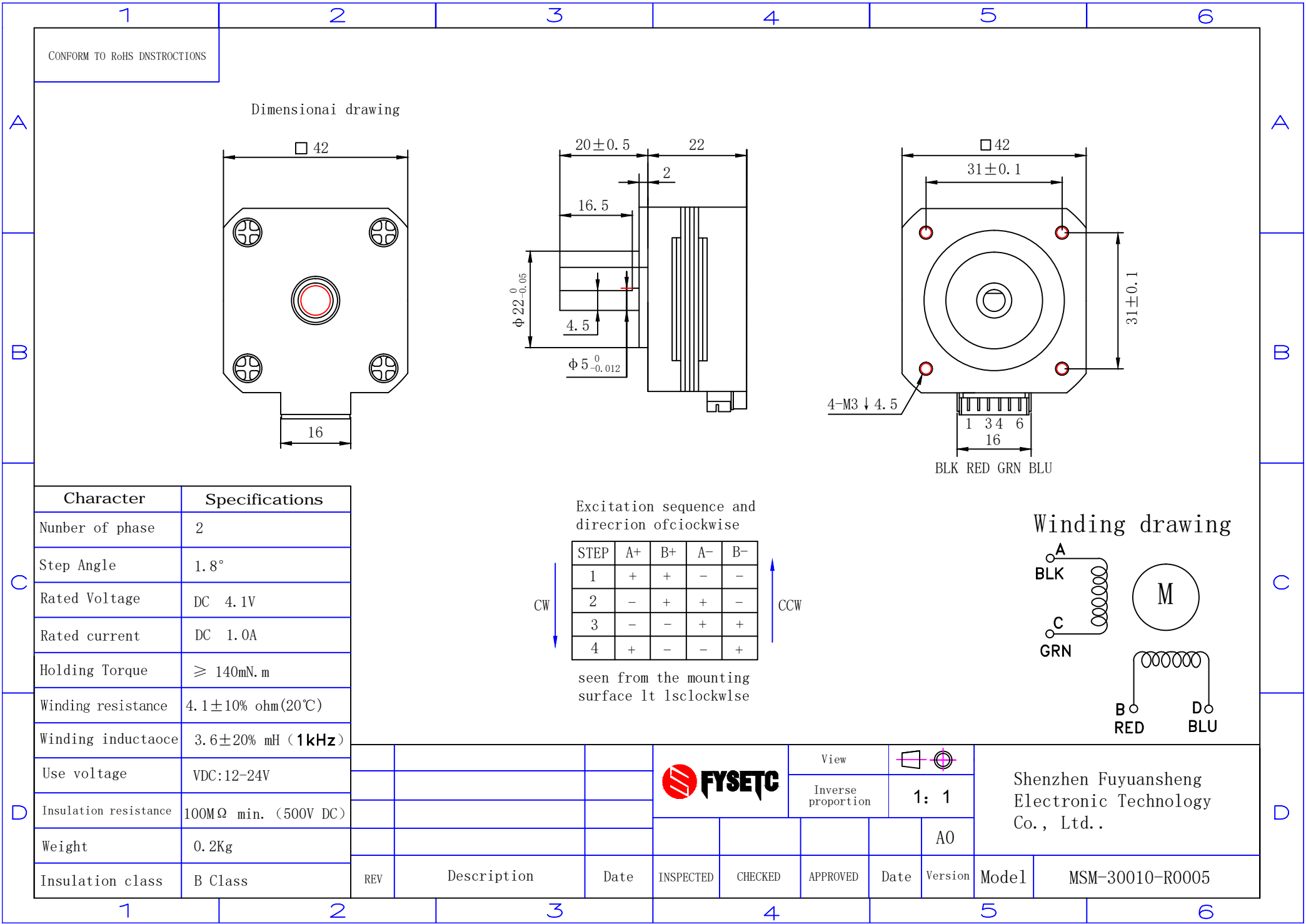
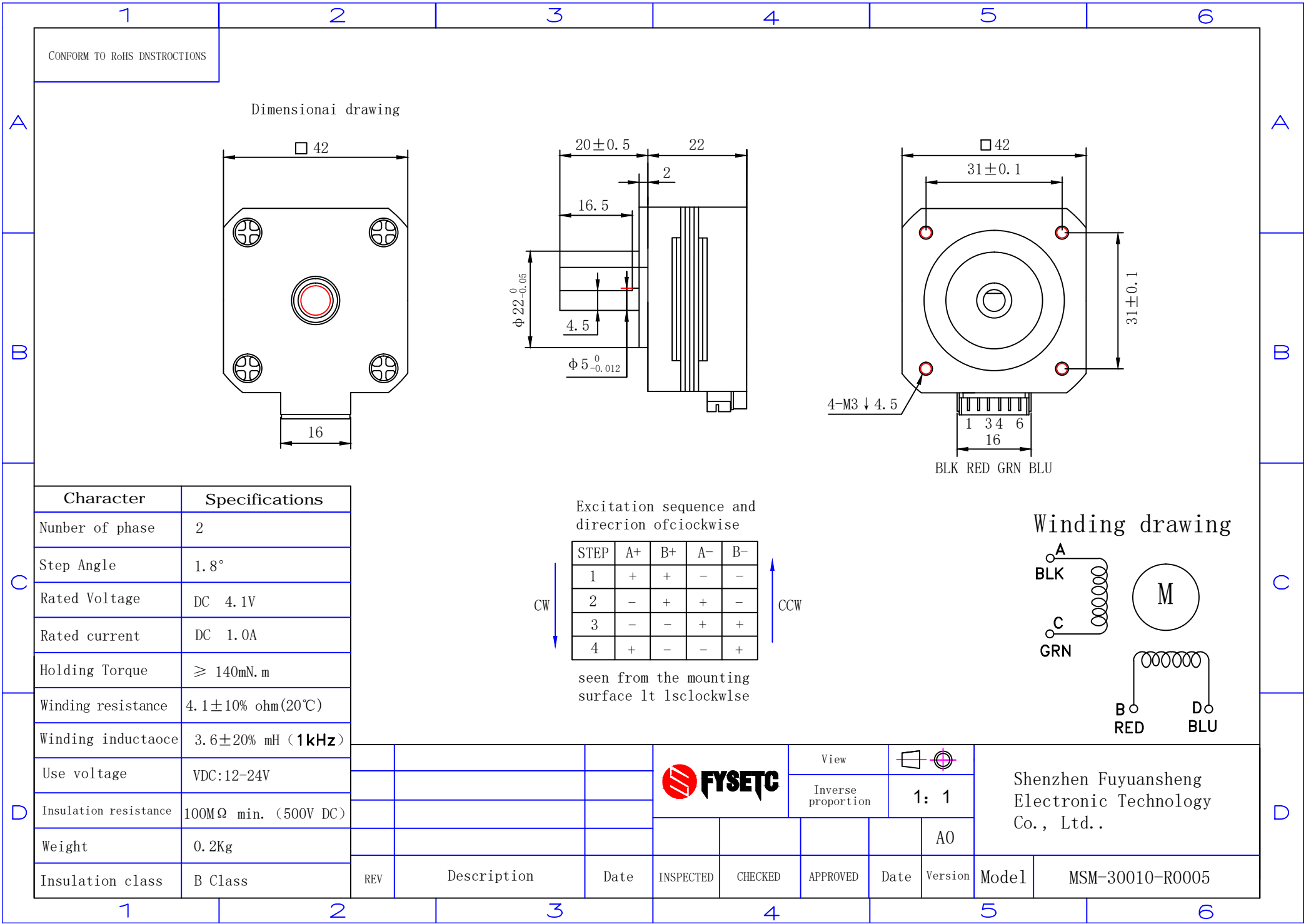
View

1: 1

Inverse proportion

A0

Shenzhen Fuyuansheng
Electronic Technology
Co., Ltd..



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CONFORM TO RoHS DNSTROCTIONS

A

B

C

D

Dimensionai drawing

Excitation sequence and
direciron ofclockwise

STEP	A+	B+	A-	B-
1	+	+	-	-
2	-	+	+	-
3	-	-	+	+
4	+	-	-	+

CW

CCW

seen from the mounting
surface lt lsclockwlse

Winding drawing

Character	Specifications					View				Shenzhen Fuyuansheng Electronic Technology Co., Ltd..	
Nunber of phase	2					Inverse proportion		1: 1			
Step Angle	1.8°										
Rated Voltage	DC 4.1V										
Rated current	DC 1.0A							A0		Model1	
Holding Torque	≥ 140mN. m										
Winding resistance	4.1±10% ohm (20℃)										
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Use voltage	VDC:12-24V										
Insulation resistance	100MΩ min. (500V DC)										
Weight	0.2Kg										
Insulation class	B Class	REV	Description	Date	INSPECTED	CHECKED	APPROVED	Date	Version		

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B	<div>Dimensionai drawing</div> <div><p>The technical drawings include:<ul style="list-style-type: none">Front View: A square flange with a width of 42mm and a central circular feature.Side View: Shows the motor's profile with dimensions such as 20±0.5mm, 22mm, 16.5mm, 2mm, 4.5mm, φ22^{+0/-0.05}, and φ5^{-0/-0.012}.Top View: Shows the mounting surface with four M3 screws, a central circular area with a diameter of 31±0.1mm, and terminal markings BLK, RED, GRN, BLU.</p></div>																																																							
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CONFORM TO RoHS DNSTROCTIONS

A

B

C

D

Dimensionai drawing

Excitation sequence and
direciron ofclockwise

STEP	A+	B+	A-	B-
1	+	+	-	-
2	-	+	+	-
3	-	-	+	+
4	+	-	-	+

seen from the mounting
surface lt lsclockwlse

Winding drawing

Character	Specifications
Nunber of phase	2
Step Angle	1.8°
Rated Voltage	DC 4.1V
Rated current	DC 1.0A
Holding Torque	≥ 140mN. m
Winding resistance	4.1±10% ohm (20℃)
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Use voltage	VDC:12-24V
Insulation resistance	100MΩ min. (500V DC)
Weight	0.2Kg
Insulation class	B Class

REV

Description

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MSM-30010-R0005

View

1: 1

A0

Shenzhen Fuyuanheng
Electronic Technology
Co., Ltd..

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CONFORM TO RoHS DNSTROCTIONS

A

B

C

D

Dimensionai drawing

Excitation sequence and
direciron ofclockwise

STEP	A+	B+	A-	B-
1	+	+	-	-
2	-	+	+	-
3	-	-	+	+
4	+	-	-	+

CW

CCW

seen from the mounting
surface lt lsclockwlse

Winding drawing

Character	Specifications
Nunber of phase	2
Step Angle	1.8°
Rated Voltage	DC 4.1V
Rated current	DC 1.0A
Holding Torque	≥ 140mN. m
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Winding inductaoce	3.6±20% mH (1kHz)
Use voltage	VDC:12-24V
Insulation resistance	100MΩ min. (500V DC)
Weight	0.2Kg
Insulation class	B Class

FYSETC

View

1: 1

Inverse proportion

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Shenzhen Fuyuansheng
Electronic Technology
Co., Ltd..

REV	Description	Date	INSPECTED	CHECKED	APPROVED	Date	Version	Model	MSM-30010-R0005
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CONFORM TO RoHS DNSTROCTIONS

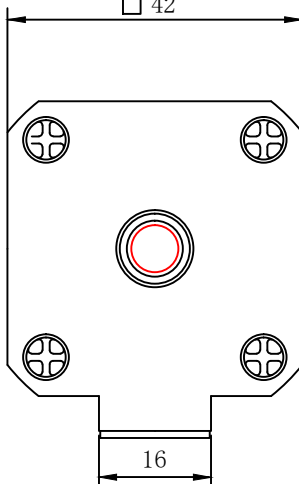
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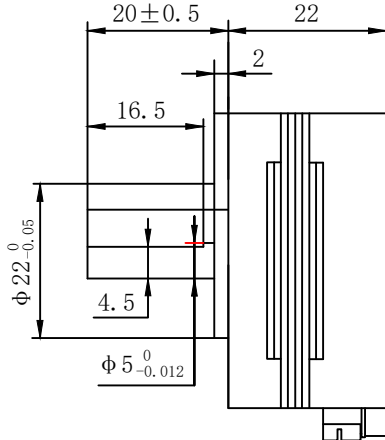
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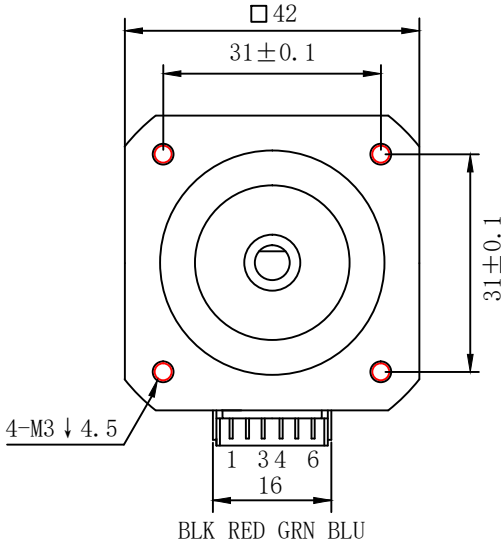
C

D

Dimensionai drawing







Excitation sequence and
direciron ofclockwise

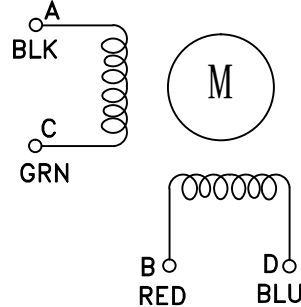
STEP	A+	B+	A-	B-
1	+	+	-	-
2	-	+	+	-
3	-	-	+	+
4	+	-	-	+

CW

CCW

seen from the mounting
surface lt lsclockwlse

Winding drawing



Character	Specifications					View				Shenzhen Fuyuansheng Electronic Technology Co., Ltd..			
Nunber of phase	2					Inverse proportion		1: 1					
Step Angle	1.8°							A0					
Rated Voltage	DC 4.1V												
Rated current	DC 1.0A									Model1		MSM-30010-R0005	
Holding Torque	≥ 140mN. m												
Winding resistance	4.1±10% ohm (20℃)												
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Weight	0.2Kg												
Insulation class	B Class												

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CONFORM TO RoHS DNSTROCTIONS

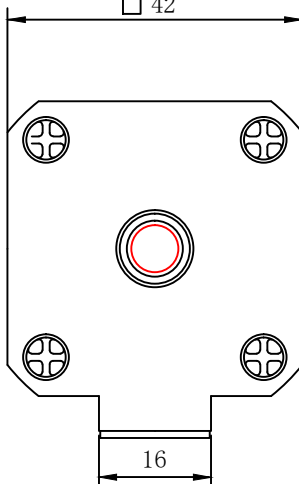
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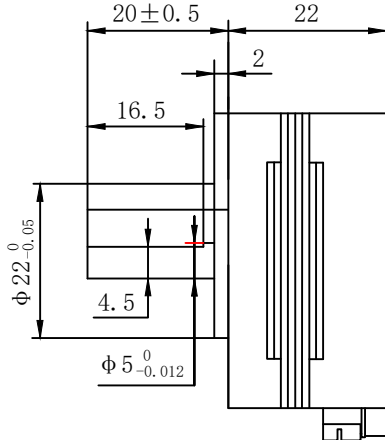
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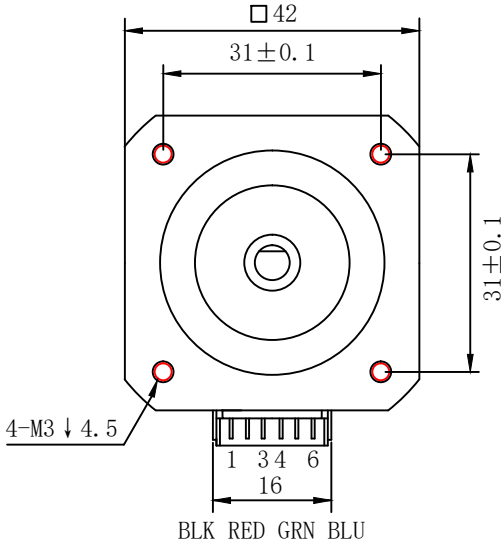
C

D

Dimensionai drawing







Excitation sequence and
direciron ofclockwise

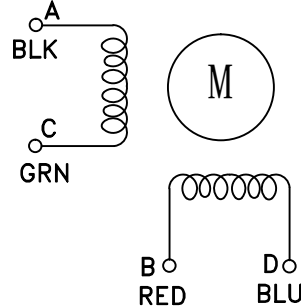
STEP	A+	B+	A-	B-
1	+	+	-	-
2	-	+	+	-
3	-	-	+	+
4	+	-	-	+

CW

CCW

seen from the mounting
surface lt lsclockwlse

Winding drawing



Character	Specifications					View				Shenzhen Fuyuansheng Electronic Technology Co., Ltd..			
Nunber of phase	2					Inverse proportion		1: 1					
Step Angle	1.8°							A0					
Rated Voltage	DC 4.1V												
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Holding Torque	≥ 140mN. m												
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Weight	0.2Kg												
Insulation class	B Class												

REV

Description

Date

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Date

Version

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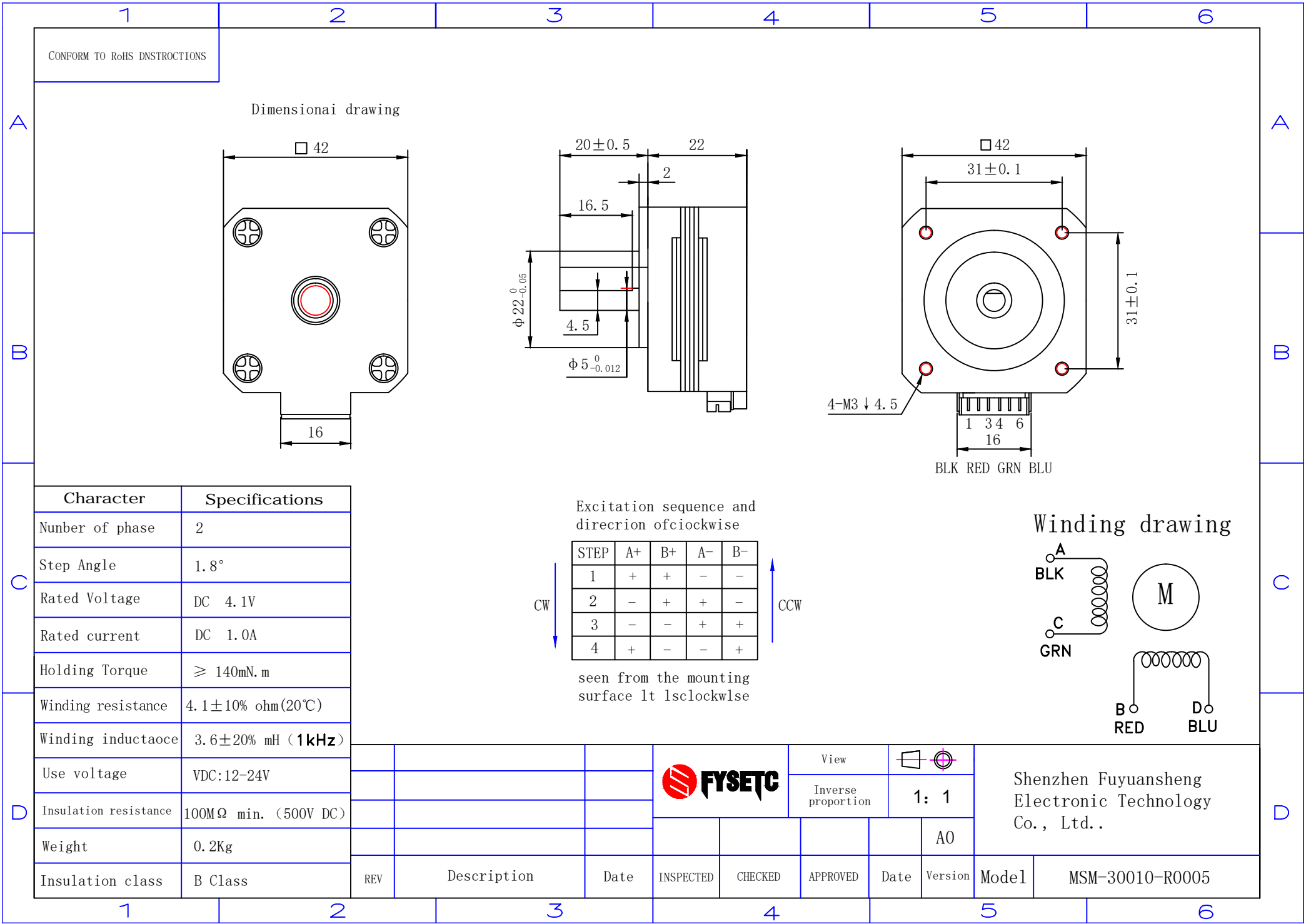
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CONFORM TO RoHS DNSTROCTIONS

A

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Dimensionai drawing

Excitation sequence and
direciron ofclockwise

STEP	A+	B+	A-	B-
1	+	+	-	-
2	-	+	+	-
3	-	-	+	+
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seen from the mounting
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Winding drawing

Character	Specifications
Nunber of phase	2
Step Angle	1.8°
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FYSETC

View

1: 1

Inverse proportion

A0

Shenzhen Fuyuansheng
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REV	Description	Date	INSPECTED	CHECKED	APPROVED	Date	Version	Model	MSM-30010-R0005
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