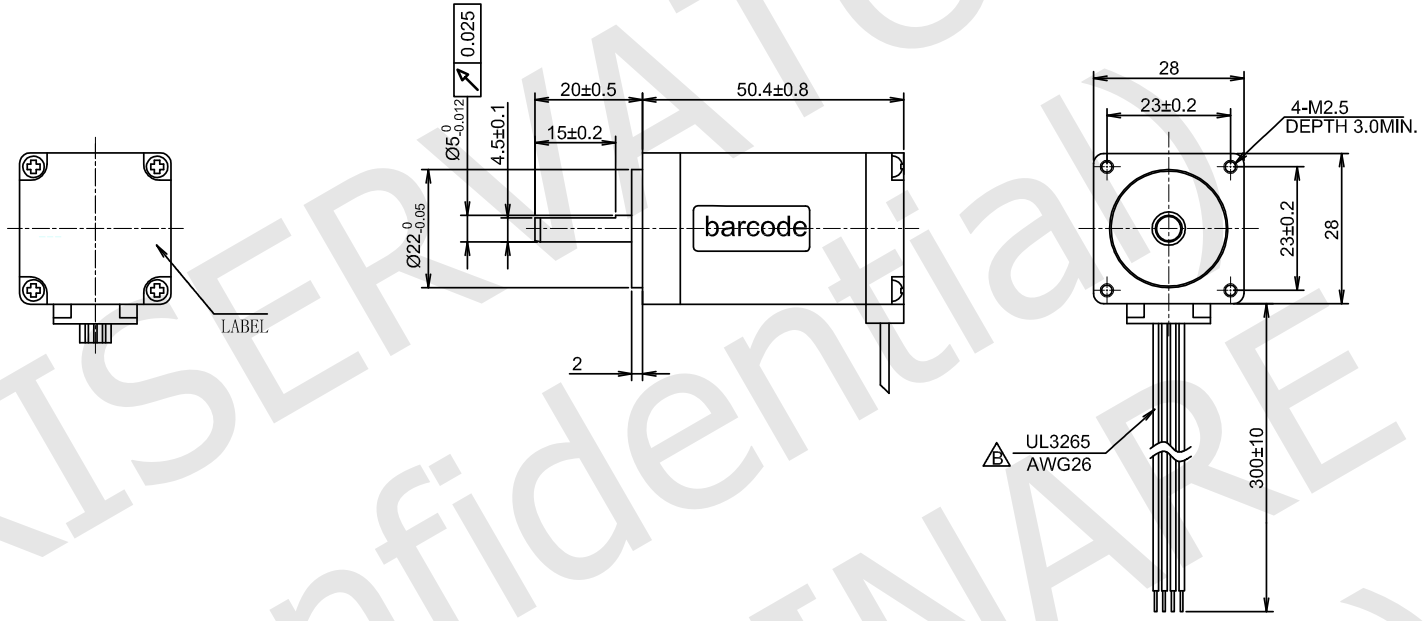


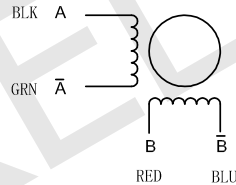
RoHS



**MOTOR SPECIFICATIONS**

STEP ANGLE	1.8° ±5%
RATED CURRENT	1.00 Amps/Ph
HOLDING TORQUE	0.14 Nm Min.
RESISTANCE	2.50 ohm ±10% at 25°C
INDUCTANCE	2.70 mH ±20% at 1kHz, 1Vrms
ROTOR INERTIA	20 g.cm <sup>2</sup>
INSULATION CLASS	Class B, 130°C
DIELECTRIC STRENGTH	500 Vac 1 minute
IP CODE	IP40
PULL OUT TORQUE	---
BACK EMF	---
DETENT TORQUE	---
WEIGHT	200 g. approx
TEMPERATURE RISE	80K Max.
OPERATING TEMPERATURE	-20°C ~ +50°C
STORAGE TEMPERATURE	-20°C ~ +70°C
SHAFT AXIAL LOAD	3 N
SHAFT RADIAL LOAD	25 N (ON THE SHAFT END)

**WIRING DIAGRAM**



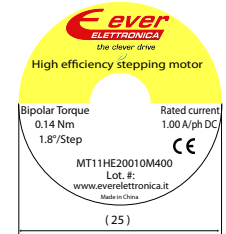
**EXCITING SEQUENCE(TWO PHASES) VS.DIRECTION OF ROTATION**

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

CLOCK WISE VIEW FROM MOUNTING SIDE

**LABELS**

YYWWXXXXX (25 x 8)  
Stator barcode label



UNIT: mm  
UNLESS OTHERWISE SPECIFIED TOLERANCES  
DIMENSIONS : ±0.3 mm DEGREES : ±5%  
ORTHOGRAPHIC PROJECTION

DESIGN	Stm02442-00c
CHECK	
APPROVED	
DATE	03 / 03 / 2022

**MT11HE20010M400**  
STEPPING MOTOR SPECIFICATION

**REV**

- 00b - First release.
- 00c - Correct the axial and radial load.



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