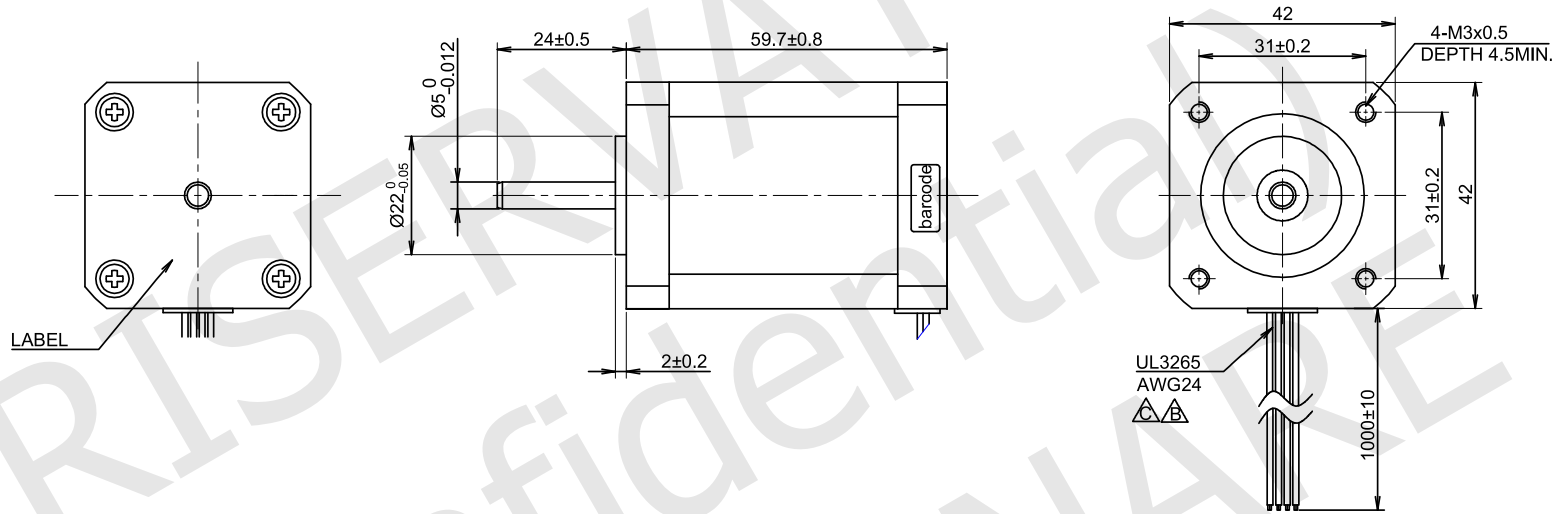
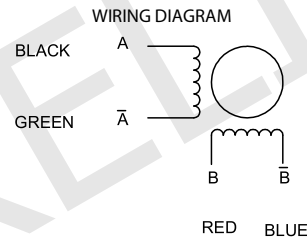


RoHS



**MOTOR SPECIFICATIONS**

STEP ANGLE	1.8° ±5%
RATED CURRENT	2.80 Amps/Ph
HOLDING TORQUE	0.86 Nm Min.
RESISTANCE	1.20 ohm ±10% at 25°C
INDUCTANCE	2.10 mH ±20% at 1kHz, 1Vrms
ROTOR INERTIA	115 g.cm <sup>2</sup>
INSULATION CLASS	Class B, 130°C
DIELECTRIC STRENGTH	500 Vac 1 minute
IP CODE	IP20
PULL OUT TORQUE	---
BACK EMF	---
DETENT TORQUE	---
WEIGHT	600 g. approx
TEMPERATURE RISE	80K Max.
OPERATING TEMPERATURE	-20°C ~ +50°C
STORAGE TEMPERATURE	-20°C ~ +70°C
SHAFT AXIAL LOAD	10 N
SHAFT RADIAL LOAD	21 N (ON THE SHAFT END)



EXCITING SEQUENCE (TWO PHASES)  
VS. DIRECTION OF ROTATION

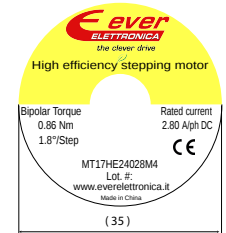
STEP	A	B	Ā	B̄
1	+	+	-	-
2	-	+	+	-
3	-	-	+	+
4	+	-	-	+

Clockwise (CW) and Counter-clockwise (CCW) rotation directions are indicated.

CLOCK WISE VIEW FROM MOUNTING SIDE

LABELS

YYWWXXXX (25 x 8)  
Stator barcode label



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

DESIGN	Stm01483-01c
CHECK	
APPROVED	
DATE	29 / 06 / 2020

**MT17HE24028M4**  
STEPPING MOTOR SPECIFICATION



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REV

01c - Fixed the cable type.

DRAWING NOT TO SCALE