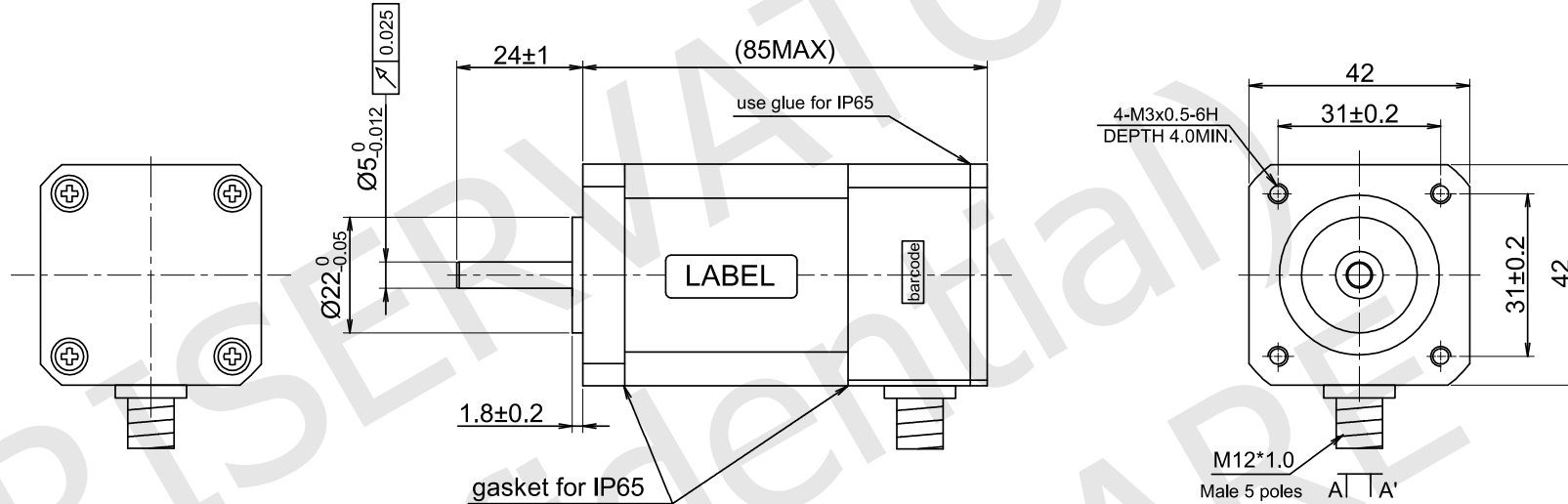
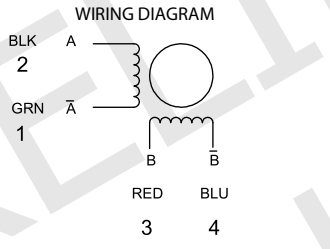


RoHS



MOTOR SPECIFICATIONS	
STEP ANGLE	1.8° ±5%
RATED CURRENT	0.85 Amps/Ph
HOLDING TORQUE	0.71 Nm Min.
RESISTANCE	14.10 ohm ±10% at 25°C
INDUCTANCE	29.00 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	IP65 (except for the front shaft)
PULL OUT TORQUE	---
BACK EMF	---
DETENT TORQUE	---
WEIGHT	700 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 FRONT SHAFT END)



EXCITING SEQUENCE (TWO PHASES)  
VS. DIRECTION OF ROTATION

STEP	A	B	$\bar{A}$	$\bar{B}$
1	+	+	-	-
2	-	+	+	-
3	-	-	+	+
4	+	-	-	+

CW (Clockwise) ↓, CCW (Counter-clockwise) ↑

CLOCK WISE VIEW FROM MOUNTING SIDE

LABELS

(15)

Code : MT17HE24009M4L1  
Cust. P/N:  
Ifmax: 0.85 Arms V<sub>f</sub>max: 12.00Vdc  
L: 29.00mH Rs: 14.10 ohm  
Tmax: 130°C Lot #: Made in China  
Connect to driver only, see manual for details.

(40)

YYWWXXXXX (25 x 8)  
Stator barcode label

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

DESIGN	Stm02045-00a
CHECK	
APPROVED	
DATE	12 / 05 / 2020

# MT17HE24009M4L1

## STEPPING MOTOR SPECIFICATION



REV

00a- First release.