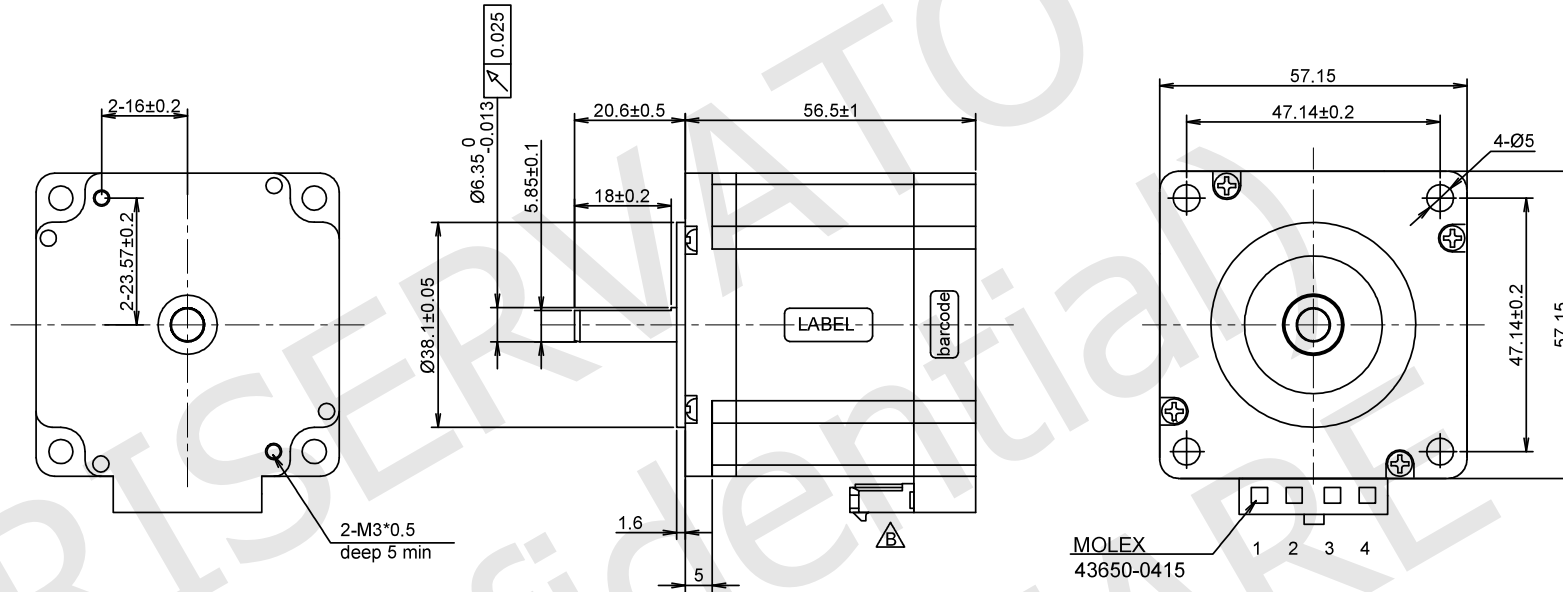


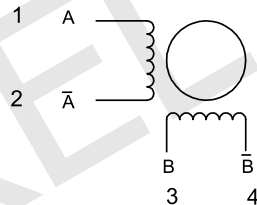
RoHS



MOTOR SPECIFICATIONS

STEP ANGLE	1.8° ±5%
RATED CURRENT	4.20 Amps/Ph
HOLDING TORQUE	1.15 Nm Min.
RESISTANCE	0.40 ohm ±0.1 at 25°C
INDUCTANCE	1.30 mH ±20% at 1kHz, 1Vrms
ROTOR INERTIA	280 g.cm ²
INSULATION CLASS	Class B, 130°C
DIELECTRIC STRENGTH	500 Vac 1 minute
IP CODE	IP20
PULL OUT TORQUE	---
BACK EMF	---
DETENT TORQUE	---
WEIGHT	720 g. approx
TEMPERATURE RISE	80K Max.
OPERATING TEMPERATURE	-20°C ~ +50°C
STORAGE TEMPERATURE	-20°C ~ +70°C
SHAFT AXIAL LOAD	15 N
SHAFT RADIAL LOAD	75 N (ON FRONT SHAFT END)

WIRING DIAGRAM



EXCITING SEQUENCE(TWO PHASES) VS. DIRECTION OF ROTATION

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

CLOCK WISE VIEW FROM MOUNTING SIDE

LABELS

(15)

(40)

YYWWXXXXX (25 x 8)
Stator barcode label

UNIT: mm

UNLESS OTHERWISE SPECIFIED TOLERANCES

DIMENSIONS : ±0.3 mm DEGREES : ±5%

REV

- 00a - First release.
- 00b - Modified the way of connector fixing.

DESIGN	Stm02258-00b
CHECK	
APPROVED	
DATE	10 / 06 / 2022

MT23HE22042M403
STEPPING MOTOR SPECIFICATION



www.everelettronica.it