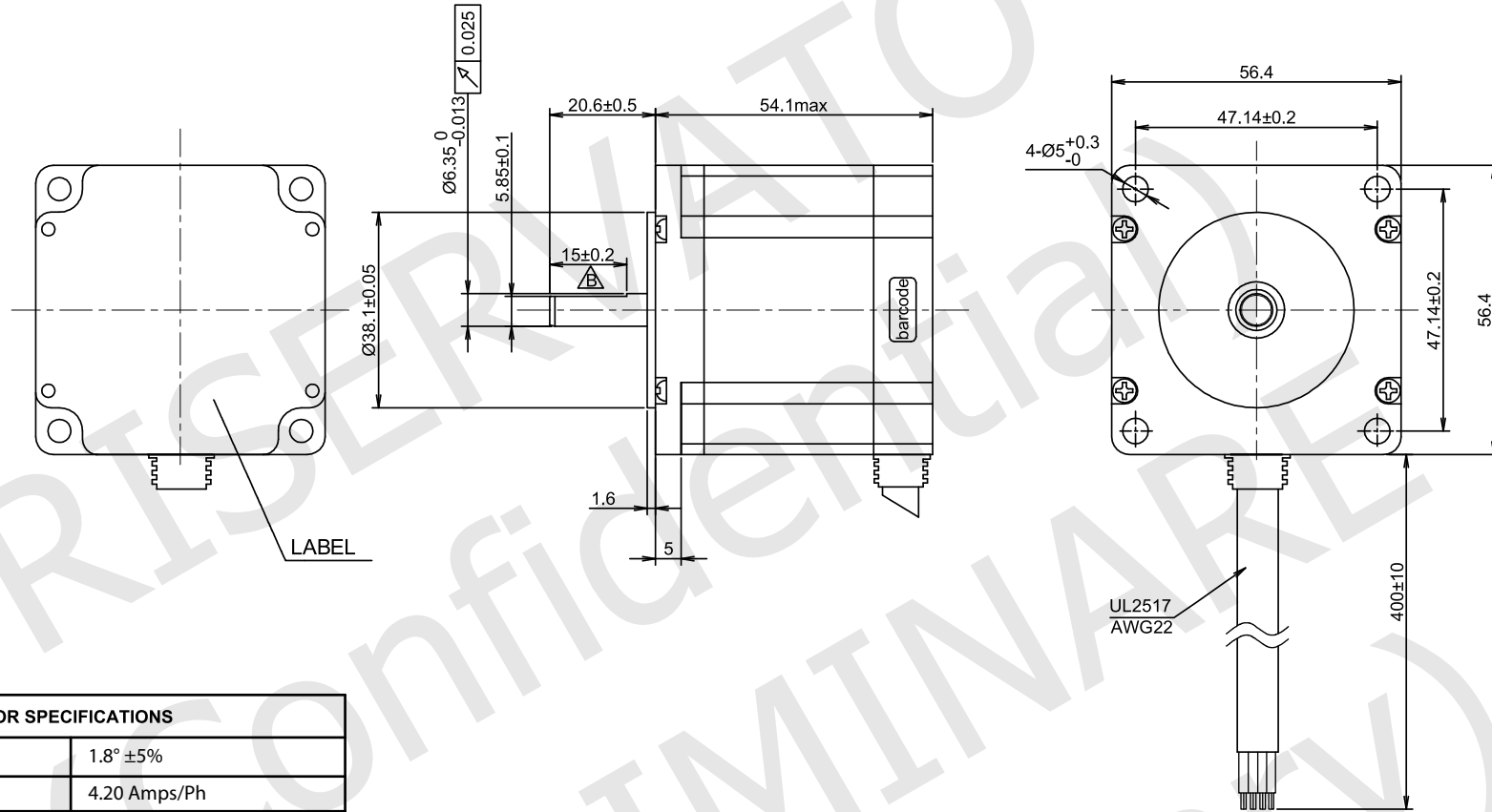


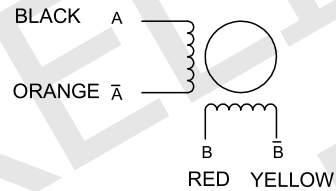
RoHS



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	1.20 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	700 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 THE SHAFT END)

WIRING DIAGRAM



EXCITING SEQUENCE(TWO PHASES) VS.DIRECTION OF ROTATION

STEP	A	B	A̅	B̅	
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%

REV

- 00a - First release.
- 00b - Added a D-cut on front shaft.

DESIGN

Stm02247-00b

CHECK

APPROVED

DATE

22 / 01 / 2021

MT23HE22042M402
STEPPING MOTOR SPECIFICATION



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