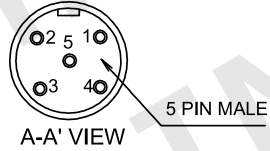
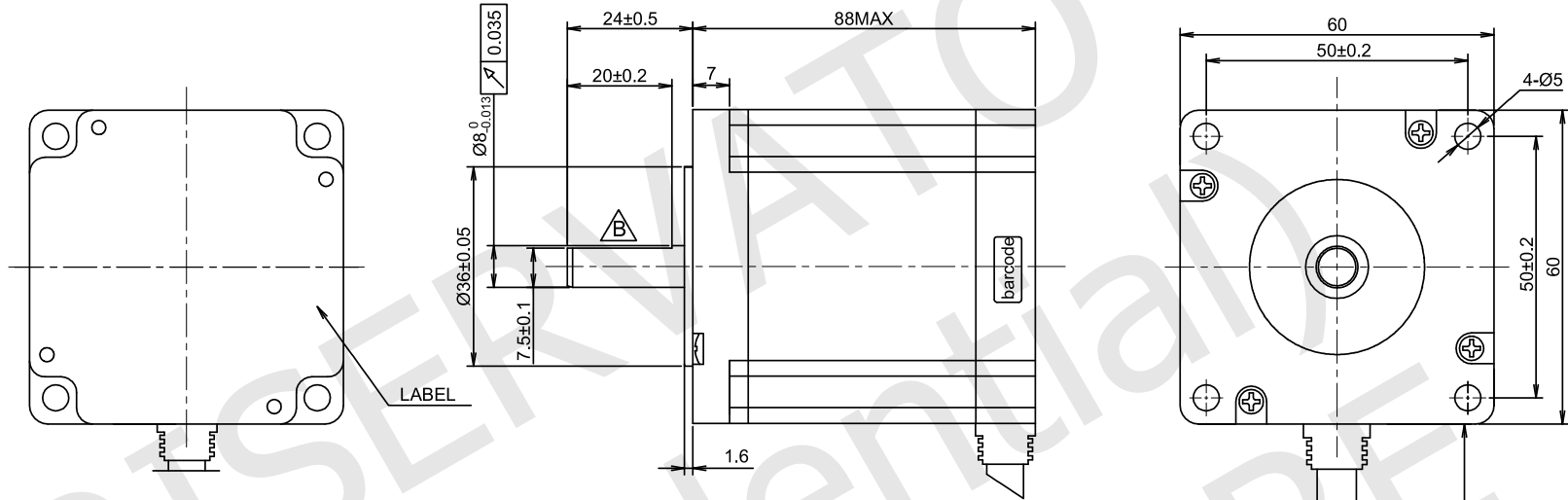


RoHS



MOTOR SPECIFICATIONS	
STEP ANGLE	1.8° ±5%
RATED CURRENT	3.00 Amps/Ph
HOLDING TORQUE	3.00 Nm Min.
RESISTANCE	1.30 ohm ±10% at 25°C
INDUCTANCE	5.10 mH ±20% at 1kHz, 1Vrms
ROTOR INERTIA	922 g.cm ²
INSULATION CLASS	Class B, 130°C
DIELECTRIC STRENGTH	500 Vac 1 minute
ATEX ZONE	II 2 G Ex d IIB T4 Gb
IP CODE	IP20
PULL OUT TORQUE	---
BACK EMF	---
DETENT TORQUE	---
WEIGHT	1800 g. approx
TEMPERATURE RISE	80K Max.
OPERATING TEMPERATURE \triangle	-20°C ~ +50°C (60°C 2h for 10 sec. working cycle)
STORAGE TEMPERATURE	-20°C ~ +70°C
SHAFT AXIAL LOAD	15 N
SHAFT RADIAL LOAD	75 N (ON FRONT SHAFT END)

WIRING DIAGRAM

MOTOR	
1	A
2	A/
3	B
4	B/

EXCITING SEQUENCE(TWO PHASES) VS.DIRECTION OF ROTATION

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

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

CLOCK WISE VIEW FROM MOUNTING SIDE

LABELS

(15) **Ex** II 3 D Ex tD III T4 Db
ATEX n.OP190905.CEEQN05

(40)

YYWWXXXXX (25 x 8)
Stator barcode label

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

DESIGN	Stm01758-05c
CHECK	
APPROVED	
DATE	05 / 03 / 2021

MT24HE35030M4F1

STEPPING MOTOR SPECIFICATION

REV

- 00a - First release.
- 01b - Added flat on front shaft as customer request.
- 01c - Added note on operating temperature.
- 02c - Added ATEX logo on label.
- 03c - Added a separator label for ATEX logo.
- 04c - Added an ATEX code on ATEX label.
- 05c - Removed a code from the ATEX label.