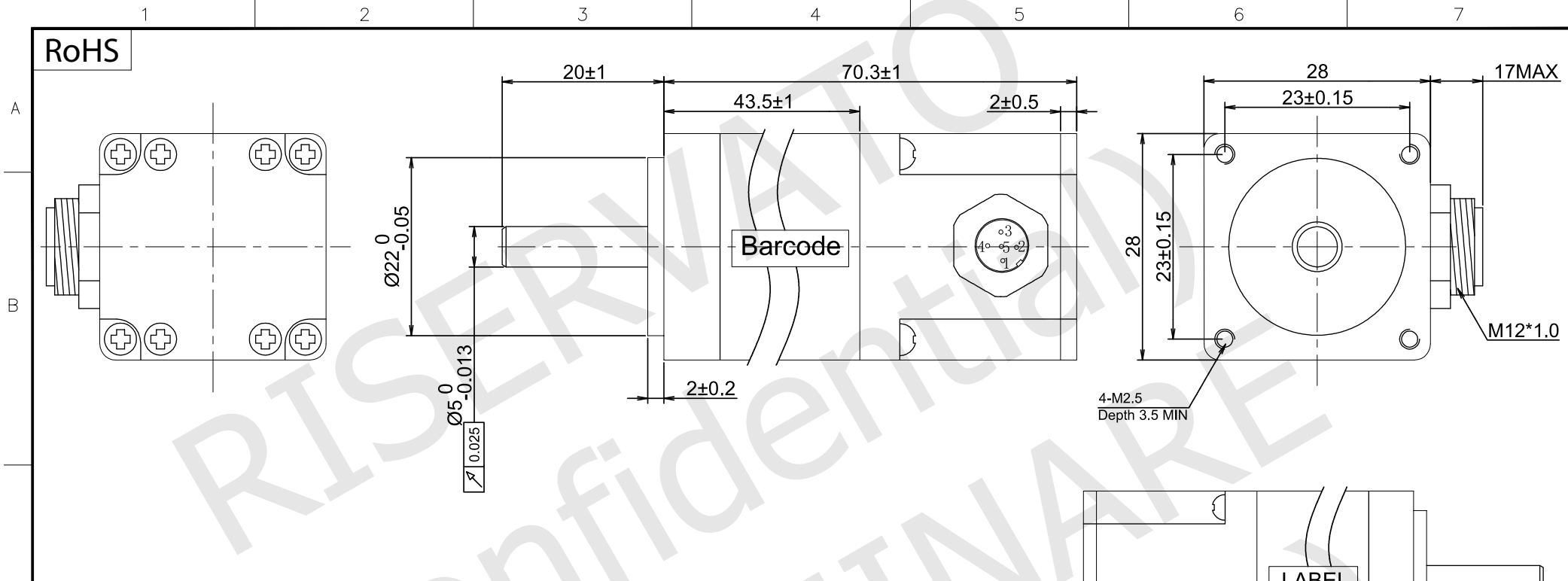


RoHS



MOTOR SPECIFICATIONS

STEP ANGLE	1.8° ±5%
RATED CURRENT	0.67 Amps/Ph
HOLDING TORQUE	0.127 Nm Min.
RESISTANCE	9.20 ohm ±10% at 25°C
INDUCTANCE	7.20 mH ±20% at 1kHz, 1Vrms
ROTOR INERTIA	18 g.cm ²
INSULATION CLASS	Class B, 130°C
DIELECTRIC STRENGTH	500 Vac 1 minute
IP CODE	IP65
PULL OUT TORQUE	---
BACK EMF	---
DETENT TORQUE	---
WEIGHT	220 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)

WIRING DIAGRAM

MOTOR	
1	A/
2	A
3	B
4	B/
5	---

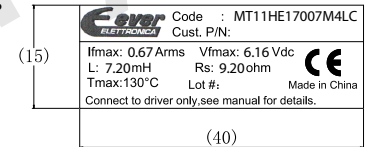
EXCITING SEQUENCE(TWO PHASES) VS. DIRECTION OF ROTATION

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

Clockwise (CW) rotation is indicated for steps 1 and 2, and counter-clockwise (CCW) for steps 3 and 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 - Changed the label type and position.

DESIGN	Stm01983-00b
CHECK	
APPROVED	
DATE	03 / 06 / 2020

MT11HE17007M4LC
STEPPING MOTOR SPECIFICATION



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