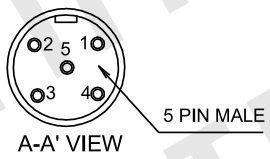
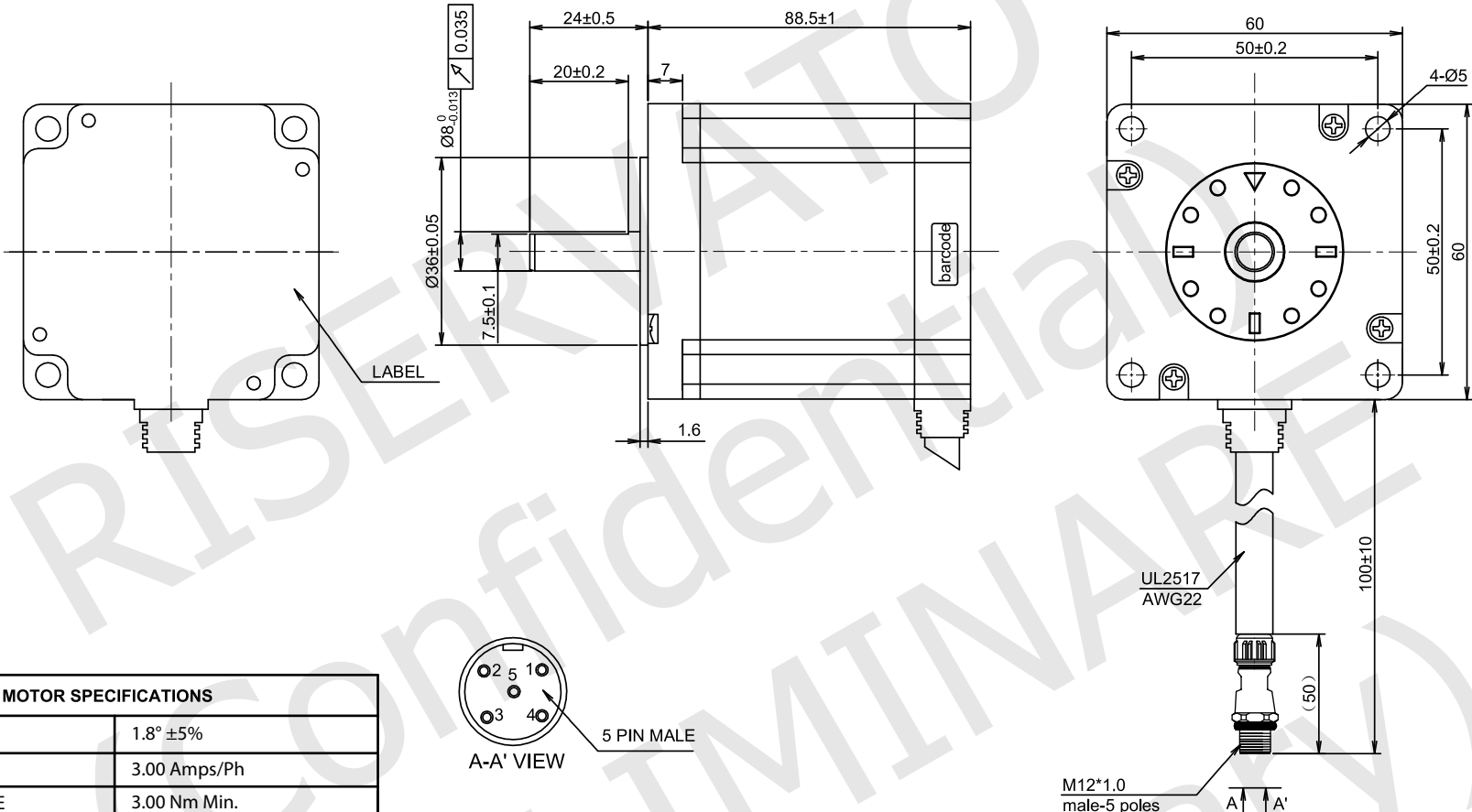


RoHS



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
IP CODE	IP20
PULL OUT TORQUE	---
BACK EMF	---
DETENT TORQUE	---
WEIGHT	1800 g. approx
TEMPERATURE RISE	80K Max.
OPERATING TEMPERATURE	-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 THE SHAFT END)

WIRING DIAGRAM

MOTOR	
1	A
2	A/
3	B
4	B/

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

High efficiency stepping motor

Rated Current: 3.00 Arms
Insulation class: Class B
Rated voltage: 3.90 Vdc
Rated ambient temperature: 40 °C

UL File No. E511482
Rated power: 11.70 W
Max speed: 3000 rpm
Holding torque: 3.00 Nm spm

MT24HE35030M4F1
Lot #: Changzhou Ever Electronics Motion Technology Co., Ltd.

UNIT: mm	DESIGN	Stm01758-08a
UNLESS OTHERWISE SPECIFIED TOLERANCES	CHECK	
DIMENSIONS : ±0.3 mm DEGREES : ±5%	APPROVED	
DRAWING NOT TO SCALE	DATE	19 / 07 / 2022

REV	08a - First release.

MT24HE35030M4F1
STEPPING MOTOR SPECIFICATION

the clever drive

www.everelettronica.it