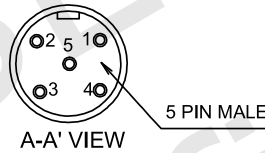
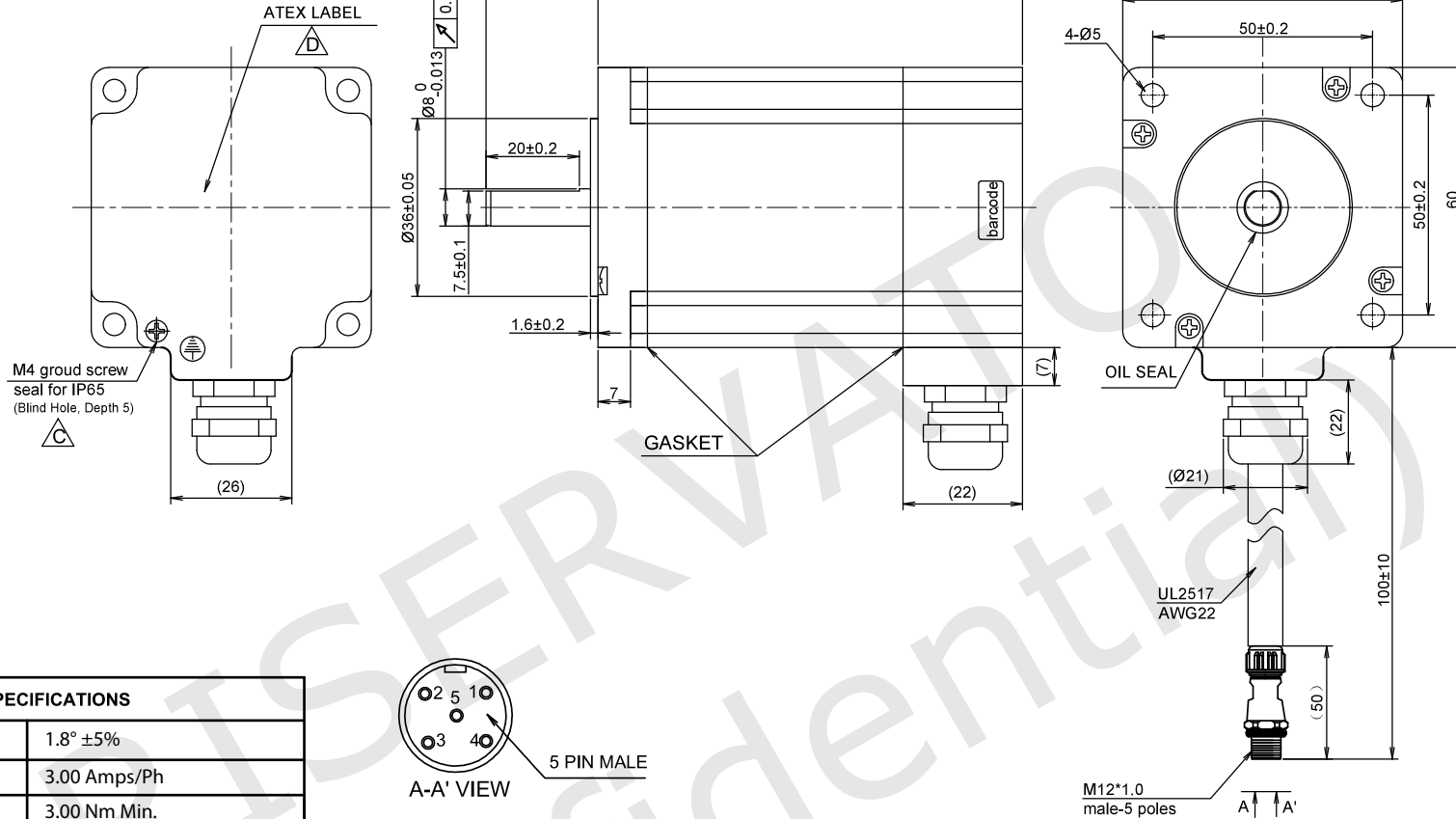
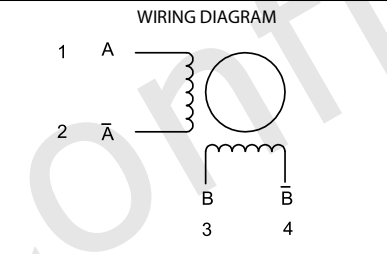


RoHS



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	920 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	2000 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 FRONT SHAFT END)



EXCITING SEQUENCE (TWO PHASES) VS. DIRECTION OF ROTATION

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

CLOCK WISE VIEW FROM MOUNTING SIDE

LABELS

ATEX Label Material: Polyester film.

YYWWXXXXX (35)

Stator barcode label (25 x 8)

EVER ELETRONICA SRL
www.everelettronica.com
Via del Commercio 2/4
26900 Lodi (LO) - ITALY

II3D Ex tc IIC T1 10°C Dc X
-20°C ≤ Tamb ≤ +50°C

Model: MT24HE35030M4F3
Serial Number: nnnnnn
Year: 202x
Vn: 3.81[Vdc]
In: 3.00[A/ph]

(35)

UNIT: mm	DESIGN	Stm02324-02d
UNLESS OTHERWISE SPECIFIED TOLERANCES	CHECK	
DIMENSIONS : ±0.3 mm DEGREES : ±5%	APPROVED	Matteo C. - 21 / 09 / 2023
DRAWING NOT TO SCALE	DATE	21 / 09 / 2023

MT24HE35030M4F3

STEPPING MOTOR SPECIFICATION

REV	DESCRIPTION
00a	First release.
01b	Updated the label with ATEX number.
01c / 01d	Add the grounding screw and updated the ATEX label with its position.
02d	Changed the label material.

