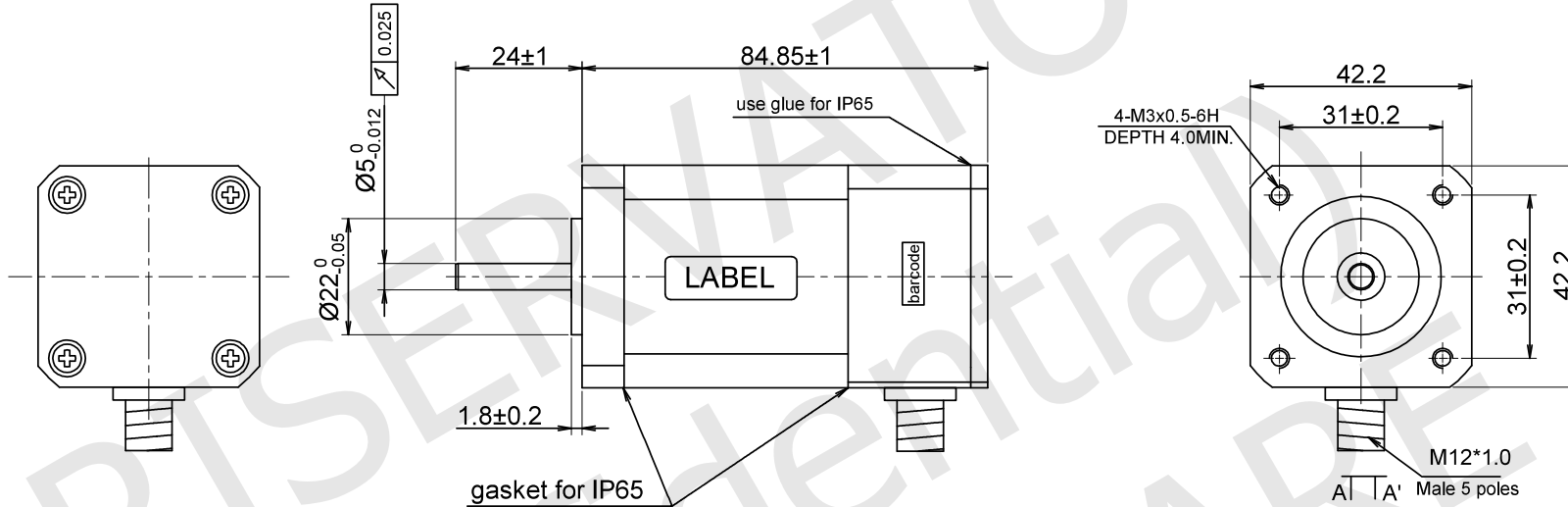


RoHS

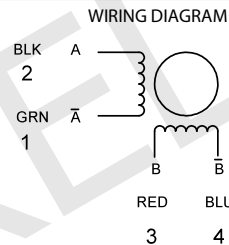


A-A' VIEW
M12 MALE 5 POLES
CONNECTOR
MOTOR

MOTOR SPECIFICATIONS

STEP ANGLE	1.8° ±5%
RATED CURRENT	2.80 Amps/Ph
HOLDING TORQUE	0.86 Nm Min.
RESISTANCE	0.90 ohm ±0.15 at 25°C
INDUCTANCE	2.30 mH ±20% at 1kHz, 1Vrms
ROTOR INERTIA	115 g.cm ²
INSULATION CLASS	Class B, 130°C
DIELECTRIC STRENGTH	500 Vac 1 minute
IP CODE	IP65 (except for the front shaft)
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	10 N
SHAFT RADIAL LOAD	21 N (ON FRONT SHAFT END)

Remark for the production DPT: rotor without coating



EXCITING SEQUENCE(TWO PHASES)
VS.DIRECTION OF ROTATION

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

Clockwise (CW) rotation is indicated by a downward arrow, and counter-clockwise (CCW) rotation is indicated by an upward arrow.

CLOCK WISE VIEW FROM MOUNTING SIDE

LABELS

(15)

Code : MT17HE24028M4LC
Cust. P/N:
Ifmax: 2.80 Arms Vfmax: 2.52 Vdc
L: 2.30mH Rs: 0.90ohm
Tmax: 130°C Lot #: Made in China
Connect to driver only, see manual for details.

YYWWXXXXX (25 x 8)
Stator barcode label

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

DESIGN	Stm02499-00a
CHECK	
APPROVED	
DATE	25 / 07 / 2022

MT17HE24028M4LC
STEPPING MOTOR SPECIFICATION



www.everelettronica.it

REV

00a - First release.

DRAWING NOT TO SCALE