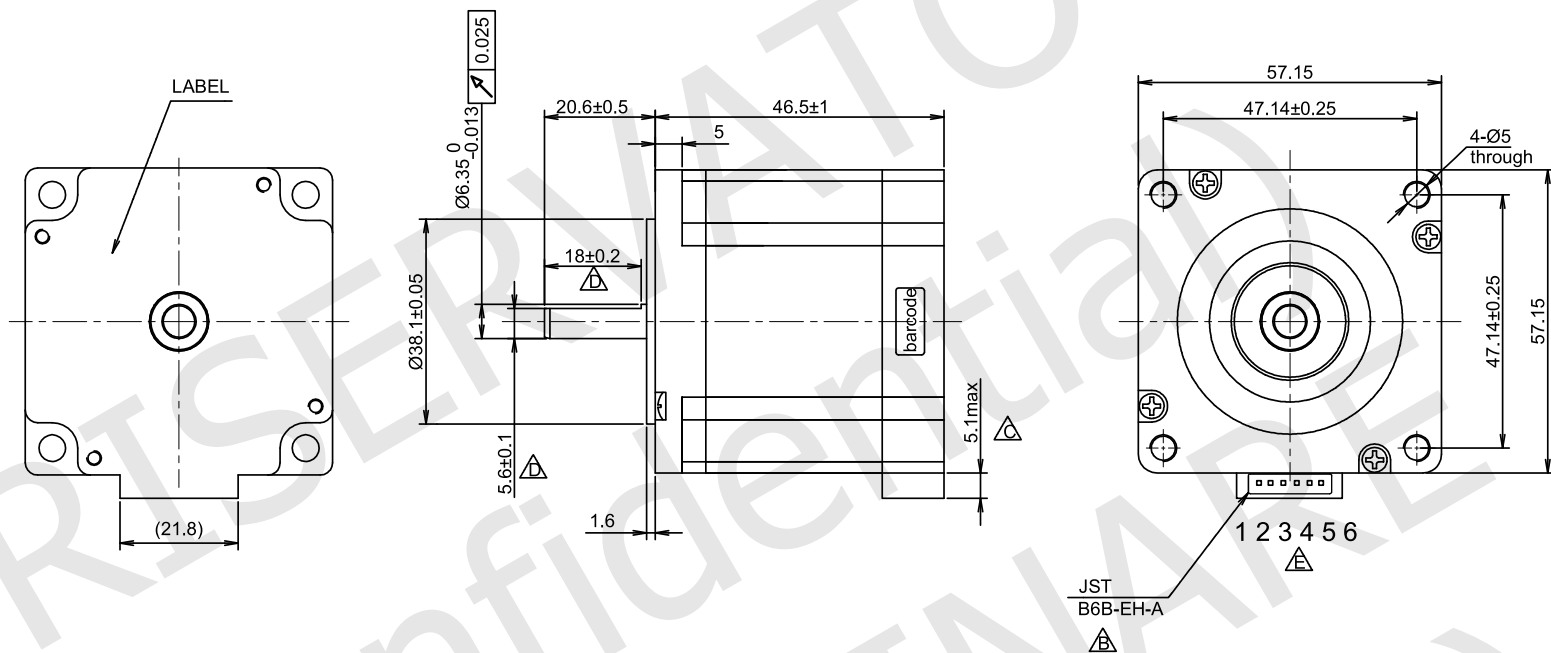
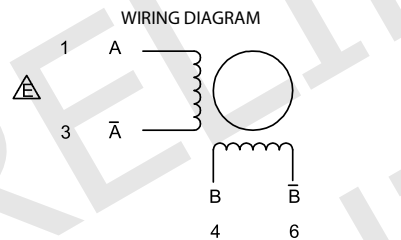


RoHS



MOTOR SPECIFICATIONS

STEP ANGLE	1.8° ±5%
RATED CURRENT	2.00 Amps/Ph
HOLDING TORQUE	0.72 Nm Min.
RESISTANCE	1,20 ohm ±10% at 25°C
INDUCTANCE	2.30 mH ±20% at 1kHz, 1Vrms
ROTOR INERTIA	180 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	700 g. approx
TEMPERATURE RISE	80K Max.
OPERATING TEMPERATURE	-20°C ~ +50°C
STORAGE TEMPERATURE	-20°C ~ +70°C
SHAFT AXIAL LOAD	15 N
SHAFT RADIAL LOAD	75 N (ON THE SHAFT END)



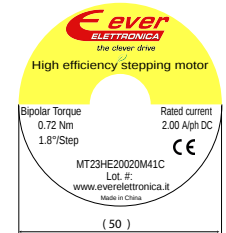
EXCITING SEQUENCE (TWO PHASES) VS. DIRECTION OF ROTATION

STEP	A	B	Ā	B̄	Direction
1	+	+	-	-	CCW
2	-	+	+	-	
3	-	-	+	+	
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%

DESIGN	Stm02042-00e
CHECK	
APPROVED	
DATE	02 / 09 / 2020

MT23HE20020M41C
STEPPING MOTOR SPECIFICATION

REV

- 00a - First release.
- 00b - Modified the connector model.
- 00c - Modified the tolerance of connector size.
- 00d - Added a D-cut on front shat as customer request.
- 00e - Correct the pin no. of motor connector.



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