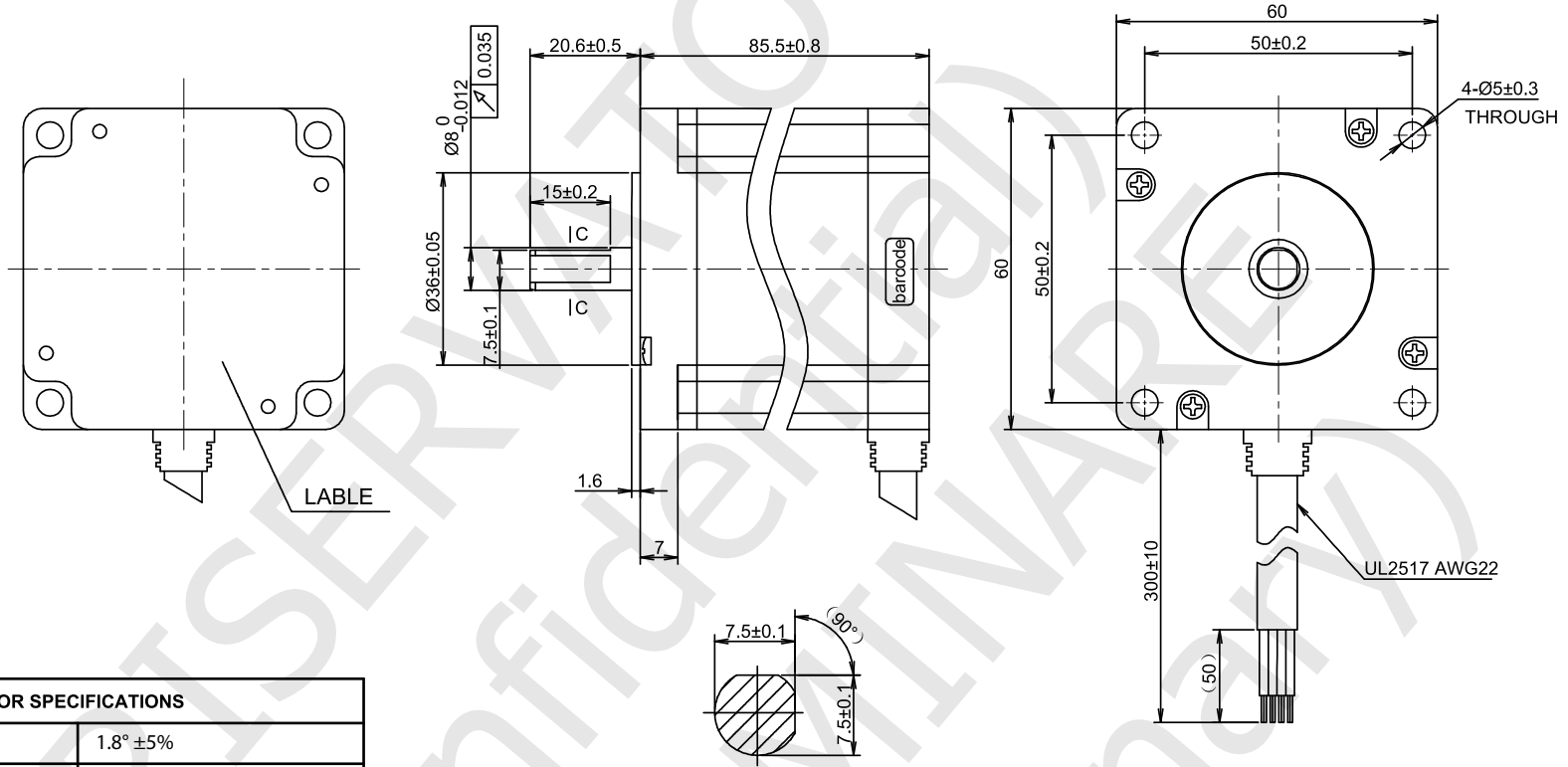
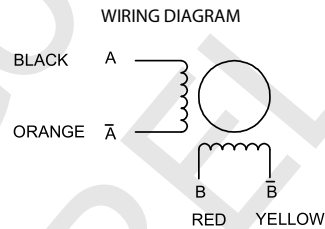


RoHS



MOTOR SPECIFICATIONS

| | |
|---------------------|---------------------------|
| STEP ANGLE | 1.8° ±5% |
| RATED CURRENT | 4.0 Amps/Ph |
| HOLDING TORQUE | 2.7 Nm Min. |
| RESISTANCE | 0.7 ohm ±0.15 at 25°C |
| INDUCTANCE | 2.4 mH ±20% |
| 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 | 1300 g. approx |
| TEMPERATURE RISE | 80K Max. |
| OPERATION AMBIENT | -20°C ~ +50°C |
| STORAGE AMBIENT | -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

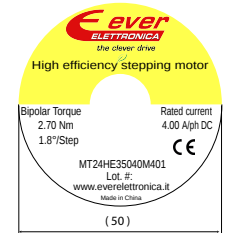
| STEP | A | B | Ā | B̄ |
|------|---|---|----|----|
| 1 | + | + | - | - |
| 2 | - | + | + | - |
| 3 | - | - | + | + |
| 4 | + | - | - | + |

CW (Clockwise) and CCW (Counter-clockwise) directions are indicated.

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 | Stm00890-03a |
| CHECK | |
| APPROVED | |
| DATE | 09 / 10 / 2018 |

REV

03a - First release with new drawing

MT24HE35040M401
STEPPING MOTOR SPECIFICATION



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