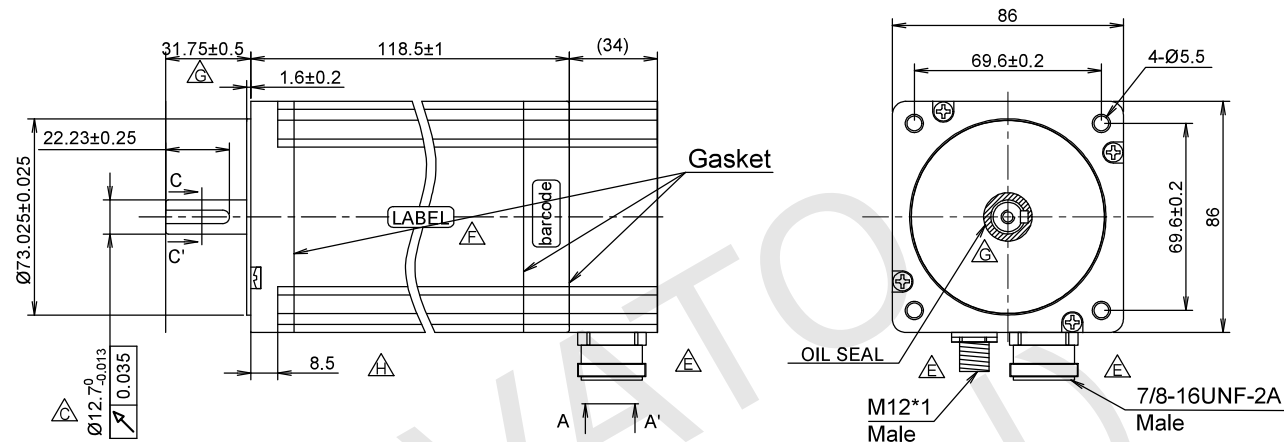
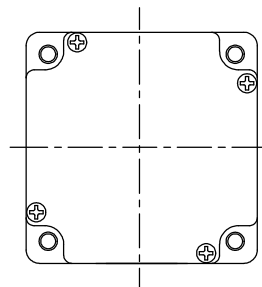


RoHS



ENCODER SPECIFICATIONS

ENCODER TYPE	Incremental quadrature
POWER SUPPLY	5.00 Vdc
RESOLUTION	1000 ppr
OUTPUT TYPE	Line Driver

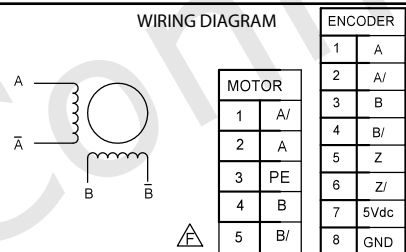
MOTOR SPECIFICATIONS

STEP ANGLE	1.8° ±5%
RATED CURRENT	4.00 Amps/Ph
HOLDING TORQUE	8.50 Nm Min.
RESISTANCE	1.10 ohm ±10% at 25°C
INDUCTANCE	13.60 mH ±20%
ROTOR INERTIA	3800 g.cm ²
INSULATION CLASS	Class F, 155°C
DIELECTRIC STRENGTH	1500 Vac 1 minute
IP CODE	IP65
PULL OUT TORQUE	---

BACK EMF	---
DETENT TORQUE	---
WEIGHT	4500 g. approx

TEMPERATURE RISE	105K Max.
OPERATING TEMPERATURE	-20°C ~ +50°C
STORAGE TEMPERATURE	-20°C ~ +70°C
SHAFT AXIAL LOAD	60 N
SHAFT RADIAL LOAD	220 N (ON FRONT SHAFT END)

PIN NO.1
7/8 5 POLES
MALE
MOTOR



PIN NO.2
M12 8 POLES
MALE
ENCODER

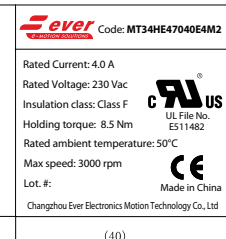
EXCITING SEQUENCE(TWO PHASES)
VS.DIRECTION OF ROTATION

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

CLOCK WISE VIEW FROM MOUNTING SIDE

LABELS

YYWWXXXXX
Stator barcode label
(25 x 8)

MT34HE47040E4M2
STEPPING MOTOR SPECIFICATION

www.everelectronica.it

Mod. 8.2-5 Rev.02