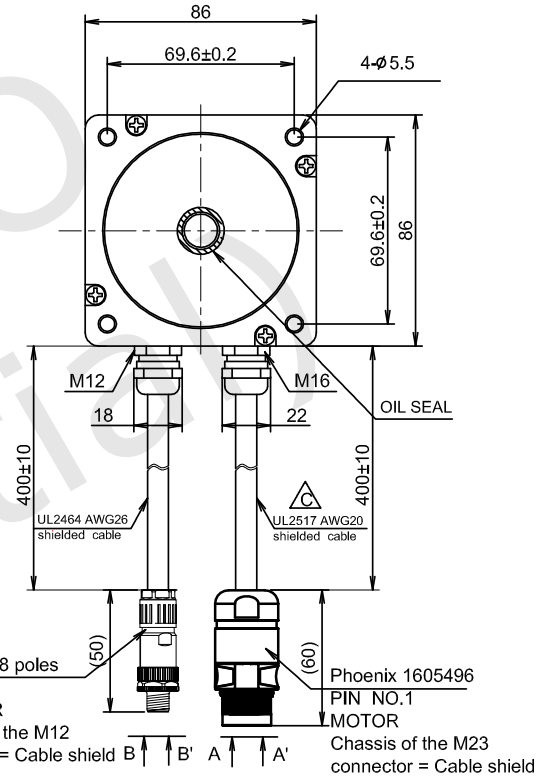
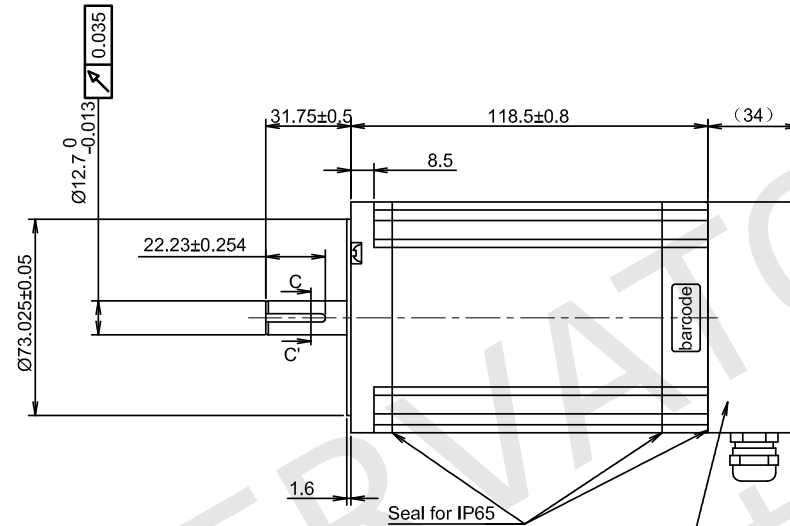
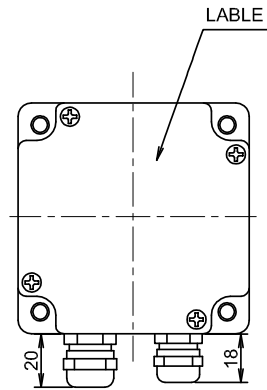


RoHS



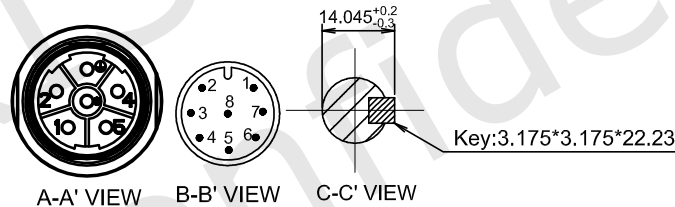
ENCODER SPECIFICATIONS

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	8.40 Amps/Ph
HOLDING TORQUE	8.50 Nm Min.
RESISTANCE	0.30 ohm ±0.1 at 25°C
INDUCTANCE	2.80 mH ±20% at 1kHz, 1 Vrms
ROTOR INERTIA	3800 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	4000 g. approx
TEMPERATURE RISE	80K 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)

Note: Rotor without coating



WIRING DIAGRAM

MOTOR		ENCODER	
1	B/	1	B
2	B	2	A
3	GND	3	Z
4	A/	4	+5Vdc
5	A	5	B/
6	N/A	6	A/
		7	Z/
		8	GND

EXCITING SEQUENCE(TWO PHASES)
VS.DIRECTION OF ROTATION

STEP	A	B	A̅	B̅	
1	+	+	-	-	CCW ↑
2	-	+	+	-	
3	-	-	+	+	
4	+	-	-	+	

CLOCK WISE VIEW FROM MOUNTING SIDE

LABELS

YYWWXXXX

Stator barcode label
(25 x 8)

Code: MT34HE47084E4L6

Rated Current: 8.4 A
Rated Voltage: 140 Vdc
Insulation class: Class B
Holding torque: 8.5 Nm
Rated ambient temperature: 50°C
Max speed: 3000 rpm
Lot. #: _____
Made in China
Changzhou Ever Electronics Motion Technology Co., Ltd.

MT34HE47084E4L6
STEPPING MOTOR SPECIFICATION**ever**
E-MOTION SOLUTIONS

www.everelectronica.it

Mod. 8.2-5 Rev.02

