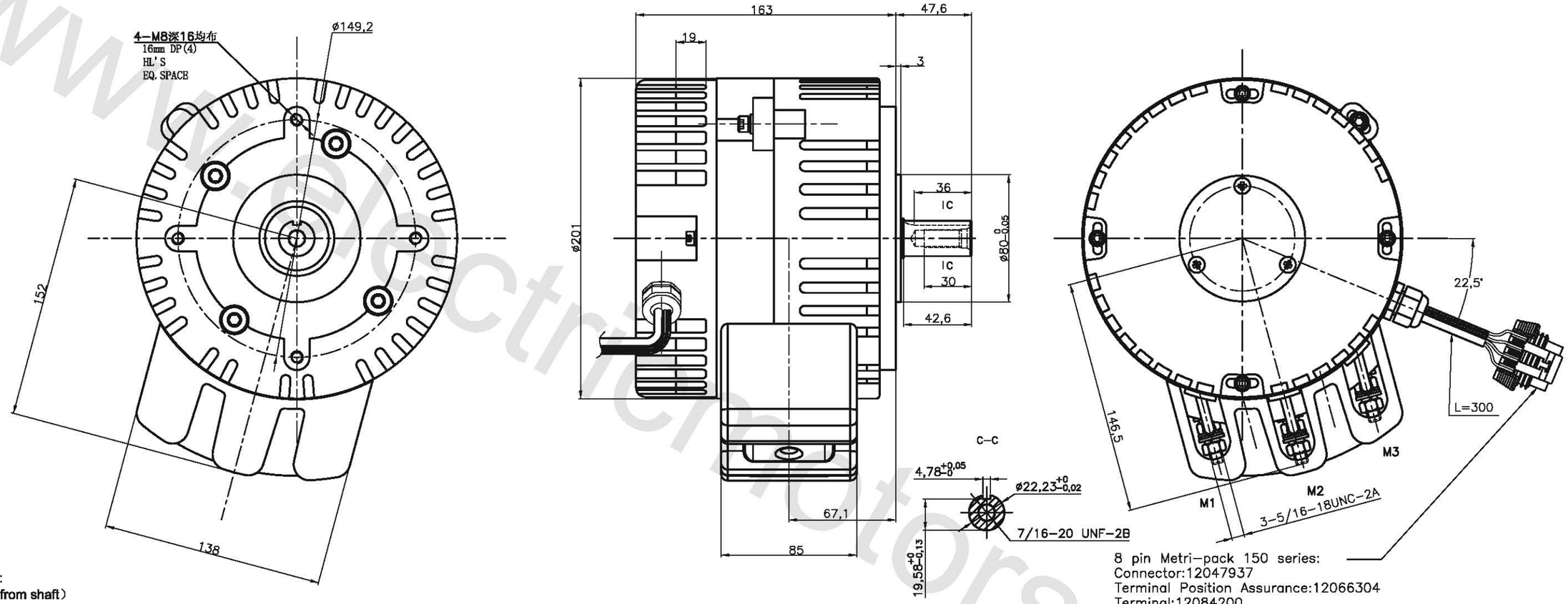
OJWT.301.921	REV –	SHEET 1 OF 1	THE SIZES INDICATED ARE METRIC SIZE(mm). 图中所标尺寸为米制尺寸.mm



8 pin Metri-pack 150 series:
Connector:12047937
Terminal Position Assurance:12066304
Terminal:12084200
Cable Seal:15324973
Seal:12059168-B

NOTES:
1.CW（from shaft）
2.TURNS IS 20 PER PHASE
3.Front bearing: NTN6006 LLUC3/5K (Made in Japan)
4.USE RLS(www.rls.si) ENCODER
sine/cosine encoder:RMB29AC01SS1
magnetic actuator:RMH06A3A02
5.Product to be shipped in plain white box, styrofoam packaging
Include Dyno Plot in box.
6.Box to be marked: Part Number: ME1114
Made in China
7.Magnets:150℃
8.Sensor Timing:with an oscilloscope probe attached to Motor Terminal M1,and the Ground probe attached to M2,the sine Wave Rising Edge for the sensor(Pin Location A) should match the M1 the result needs to be with 20 degrees forward when using the coast down timing method on the sevcon controller.
9.Motor Phase Resistance is 0.006Ω
10.Motor inductance at 100Hz is 0.082mH
11.Sensor magnet is to be 2.5mm to 3mm from the sensor mounting face. The minimum amplitude for the sensor is 2 volts AC,peak to peak.
12.Class H insulation system.

NAMECARD DATA
PART # ME1114
DATE CODE XXXXXX
SERIAL #:XX.XX.XXXX
Motenergy,Inc.
Slinger, WI USA

1.sine/cosine encoder

PIN LOCATION 插孔点	WIRE DESIGNATION 导线标记	WIRE COLOR 导线颜色
A	Sine(正弦)	BLUE蓝
B	Cosine(余弦)	WHITE白
C	Ground (0)	BLACK黑
D	N/C	
E	V_{DD} (+5V)	RED红
F	Shield(保护)	GREEN绿
G	Temp1	WHITE(-)白
H	Temp2	WHITE(+)白

REV.	CHANGES	BY	ECO NO.	DATE
-	-	XDING	-	2005.02.16
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

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DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1994
CLASSIFICATION OF CHARACTERISTICS
CRITICAL (C):
EMMISIONS (E):
MAJOR (M):

MATERIAL
S/N: CODE:
MODEL NO:
SIM TO:

TITLE OUTLINE
永磁式无刷直流盘式电动机 外 形 图
DRAWN: bxp 12.02.18
APPR:
DEPT:
SCALE: -

Motenergy, Inc.
Slinger, WI USA
-
DESIGN VENDOR: -
OJWT.301.921 REV – SHEET 1 OF 1

www.electricmotorsport.com