ZONE	REV LEVEL	REVISIONS	ECN	REV DRAWN	REV CHECK	APPROVED BY/DATE
–	A –	INITIAL ISSUE	05-0037-1			
B4 B6	B –	CHANGED KEY WAY DEPTH, WAS 17.1mm CHANGED WIRING CONNECTOR	05-0162-1	MSP	GLB	PRK 11/3/05
	C –	CHANGED MOTOR TO A 20 TURN, WAS 24 TURN. VENDOR # IS ME0201013401, WAS ME0201013101.	06-0048-1	MSP		

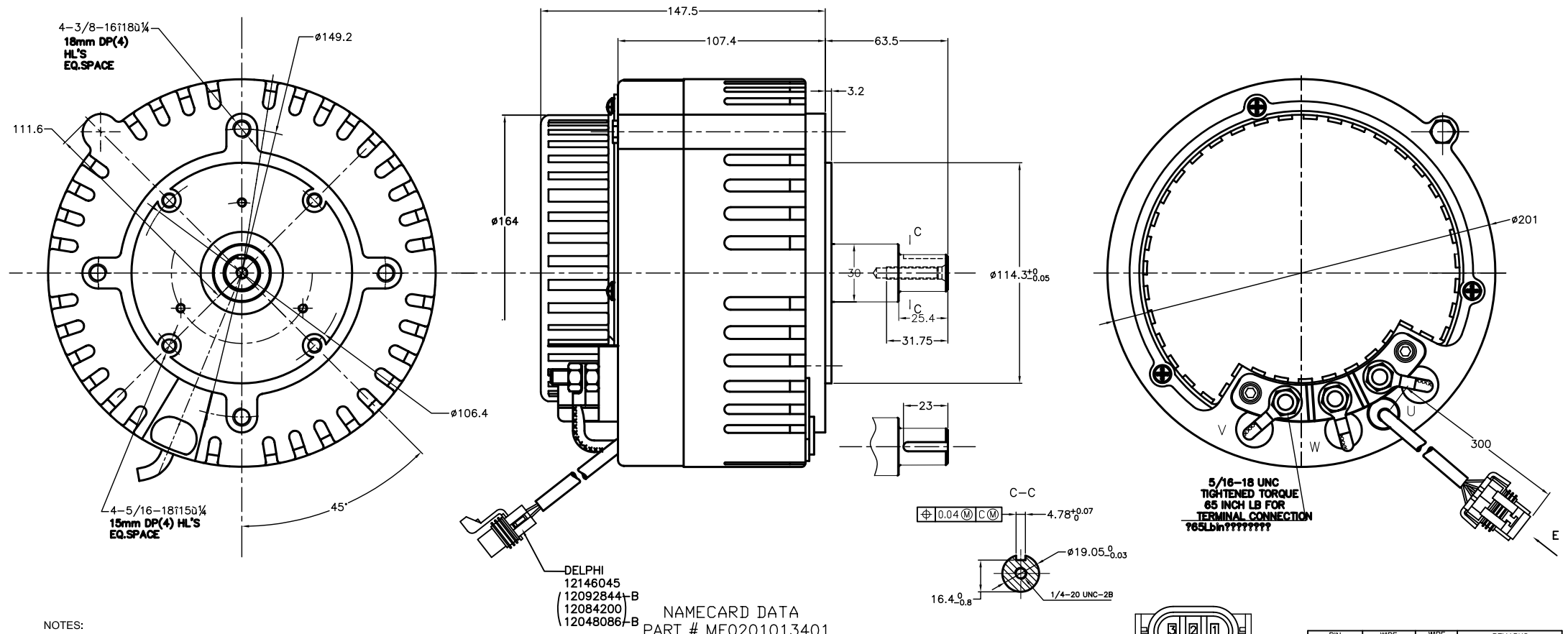
ME0201013401 | REV – | SHEET 1 OF 1

THE SIZES INDICATED ARE METRIC SIZE(mm).

???????????.mm

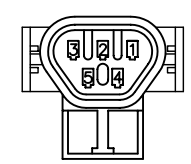
5

?????
1?????????????????????????
2????2O??
3??????????NTN6006 LLUC3/5K(????)?
4?????????????????????????????
5????????Date Code: xxxxxx
Part Number: ME0201013401
Made in China



NAMECARD DATA
PART # ME0201013401
DATE CODE XXXXXX
SERIAL #:XX.XX.XXXX
Mars Electric LLC
Milwaukee, WI USA

NOTES:
1.CCW FAN
2.TURNS IS 20 PER PHASE
3.Front bearing: NTN6006 LLUC3/5K (Made in Japan)
4.Product to be shipped in plain white box, styrofoam packaging
Include Dyno Plot of namecard for each motor.
5.Box to be marked:
Date Code: XXXXXXX
Part Number: ME0201013401
Made in China



VIEW E
SCALE 2:1

PIN LOCATION ???	WIRE DESIGNATION ????	WIRE COLOR ????	REMARKS ??
1	S1(U1)	WHITE?	—
2	S2(U2)	GREEN?	—
3	S3(U3)	BLUE?	—
4	GND (0)	BLACK?	SHIELD TIED TO THIS PIN
5	Vcc (+12)	RED?	—

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

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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 MOTOR
DRAWN: JAF 06.03.11
APPR:
DEPT:
SCALE: -

Mars Electric LLC
MILWAUKEE, WISCONSIN, U.S.A.
-
DESIGN VENDOR: -
ME0201013401 | REV – | SHEET 1 OF 1

1. ALL DIMENSIONS ARE IN INCHES (UNLESS OTHERWISE SPECIFIED).

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MATERIAL
FINISH
DRAWN MSP 7/22/05
CHECKED GLB 8/23/05
APPROVED PRK 8/24/05

TOLERANCE UNLESS OTHERWISE SPECIFIED
FRACTION ±1/16
2 PLACE DEC. ±.03
3 PLACE DEC. ±.010
ANGULAR ±1

Pioneer Eclipse

DESCRIPTION
MOTOR, BRUSHLESS, 36V, PM

PART OR ASSY. #	REV	SCALE	SHEET #
MP203300	C	NONE	1 of 1