

NOTE:
BODINE CABLE KIT PART #N3981 CONTAINS THE MATING
CABLES FOR THE POWER, SIGNAL, AND ENCODER CONNECTORS

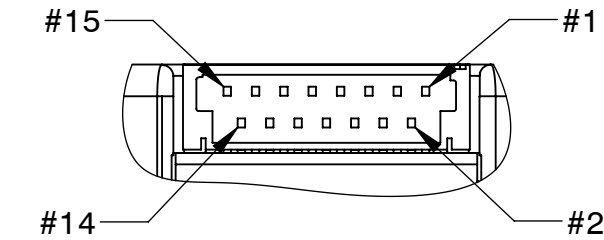
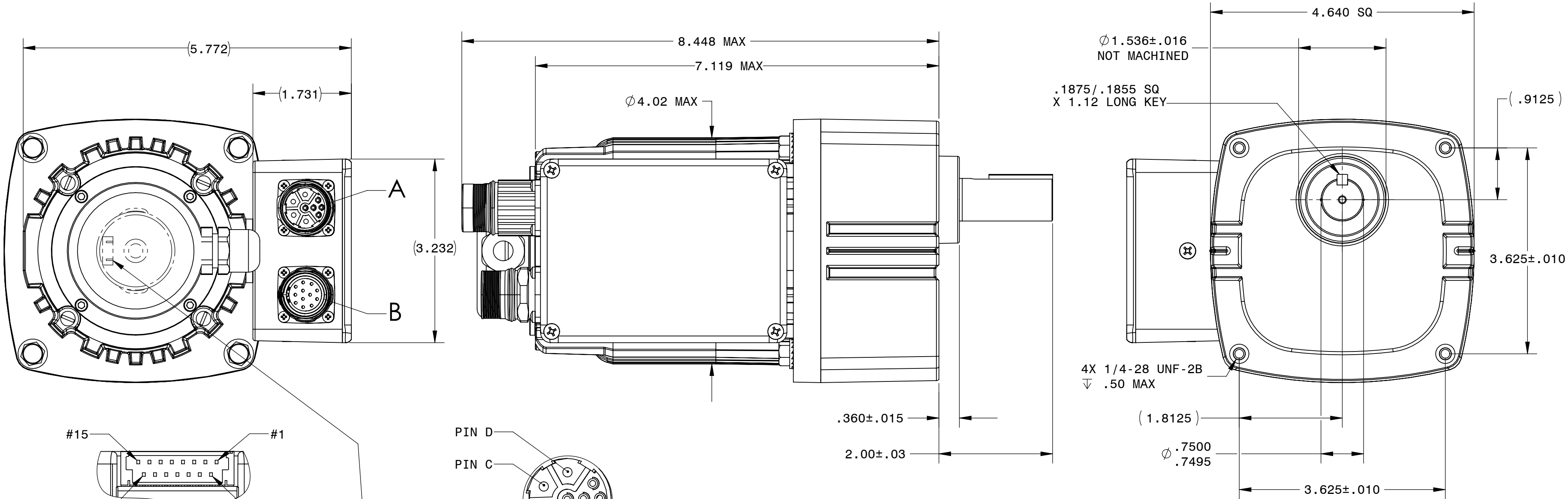
BODINE ELECTRIC COMPANY

PART NO./REV: INFM0174 B

DESCRIPTION:
GEARMOTOR 34B4FEBL/FV-F

SHEET: 1/1
SCALE: 1:2
C

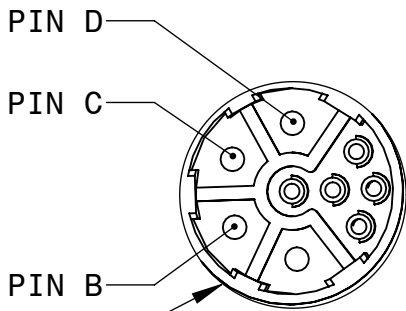
UNLESS OTHERWISE SPECIFIED:
UNITS ARE IN INCHES [mm]
TOLERANCES: .XX:±.01 .XXX:±.005
ANGLES: X°:±3° X.X°:±0.5°



[1] HOUSING JAE PART# FI-W15P-HF
[15] TERMINALS JAE PART# FI-C3-A1-15000

ENCODER CONNECTOR PIN ASSIGNMENTS	
PIN	FUNCTION
1	CHANNEL A
2	CHANNEL A-
3	CHANNEL B
4	CHANNEL B-
5	CHANNEL Z
6	CHANNEL Z-
7	CHANNEL U
8	CHANNEL U-
9	CHANNEL V
10	CHANNEL V-
11	CHANNEL W
12	CHANNEL W-
13	VCC
14	GROUND
15	NO CONNECTION

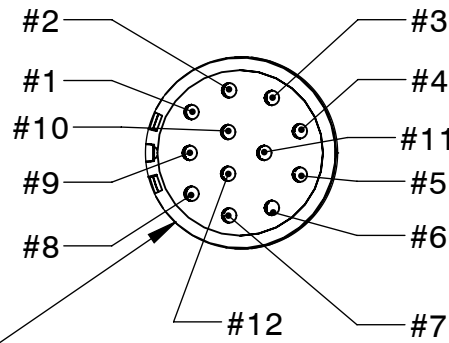
ENCODER CONNECTOR MATING PARTS:
MANUFACTURER: JAE
CONNECTOR: FI-W15S
TERMINAL: FI-C3-A1-15000



[1] HOUSING AMPHENOL PART# MB1LLN0900
[3] TERMINALS AMPHENOL PART# SC000036

POWER CONNECTOR PIN ASSIGNMENTS	
PIN	FUNCTION
A	NO CONNECTION
B	+24V
C	COMMON
D	GROUND
E	NO CONNECTION
F	NO CONNECTION
G	NO CONNECTION
H	NO CONNECTION
L	NO CONNECTION

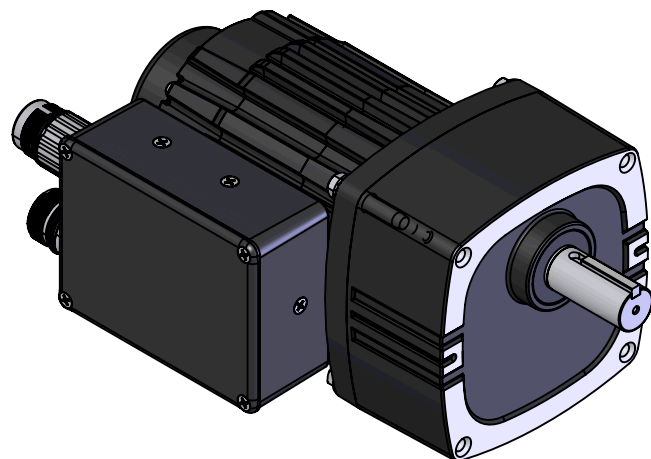
POWER CONNECTOR MATING PARTS:
MANUFACTURER: AMPHENOL
CONNECTOR: MB1CKN0900
TERMINAL: SC000045 / SC000014



[1] HOUSING AMPHENOL PART# MA1LAE1200
[8] TERMINALS AMPHENOL PART# SC000035

SIGNAL CONNECTOR PIN ASSIGNMENTS	
PIN	FUNCTION
1	TACH
2	F/R
3	PWM
4	ENABLE
5	COMMON
6	+5V
7	FAULT
8	BRAKE
9	NO CONNECTION
10	NO CONNECTION
11	NO CONNECTION
12	NO CONNECTION

SIGNAL CONNECTOR MATING PARTS:
MANUFACTURER: AMPHENOL
CONNECTOR: MA1CAP1200
TERMINAL: SC000044 / SC000013



REPRESENTATIVE OF MODEL NUMBER(S):

3770 3771 3772 3773 3774 3775 3776 3777 3778 3779