

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

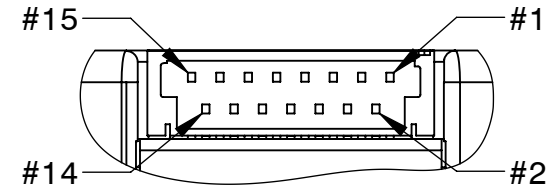
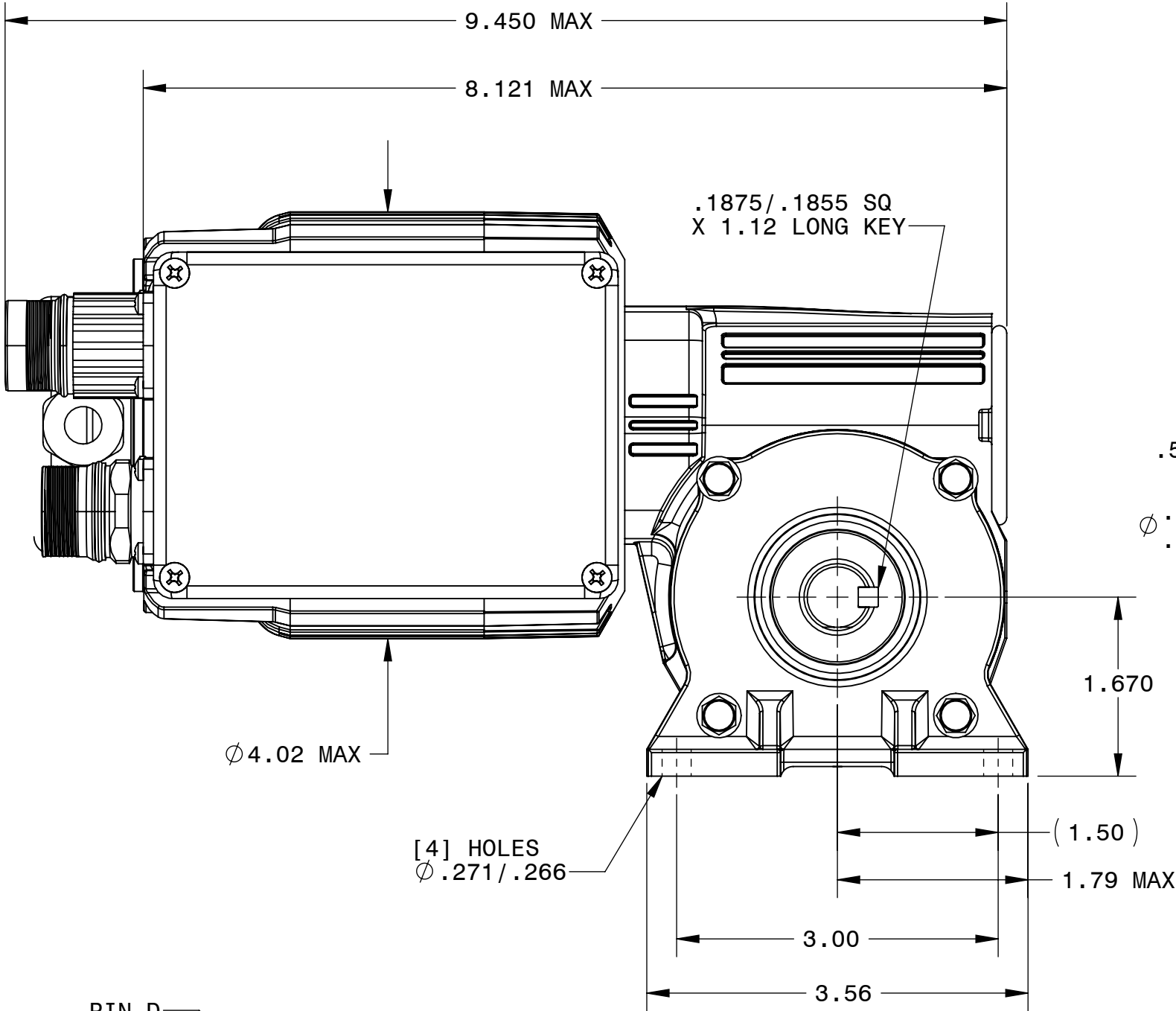
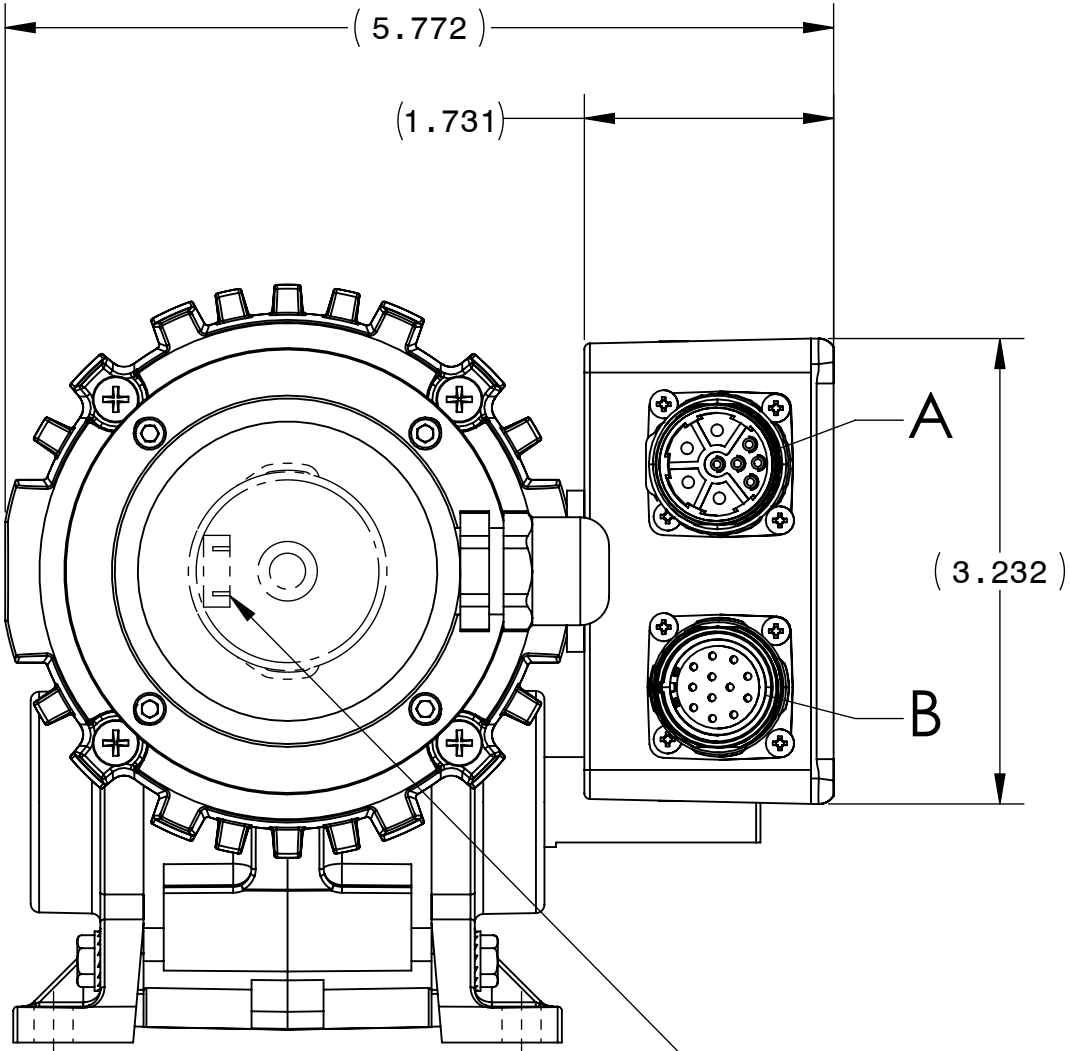
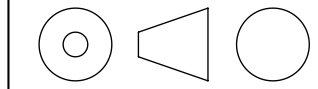
BODINE ELECTRIC COMPANY

PART NO./REV: INFM0173 B

DESCRIPTION:  
GEARMOTOR 34B4FEBL/FV-5N

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°



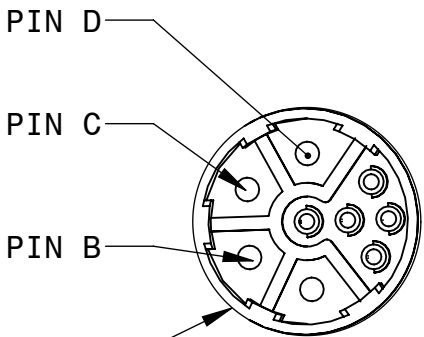
[1] HOUSING JAE PART# FI-W15P-HF  
[15] TERMINALS JAE PART# FI-C3-A1-15000

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

REPRESENTATIVE OF MODEL NUMBER(S) :

3780 3781 3782 3783 3784

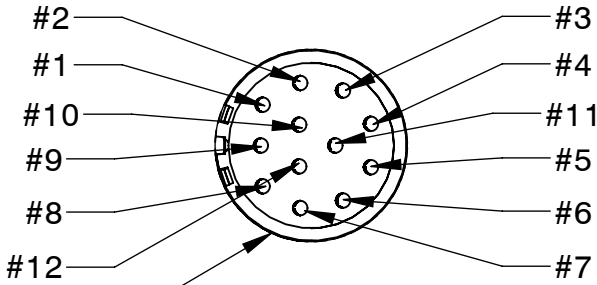


DETAIL A  
SCALE 3 : 2

[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



DETAIL B  
SCALE 3 : 2

[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

