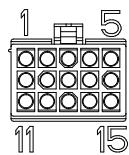


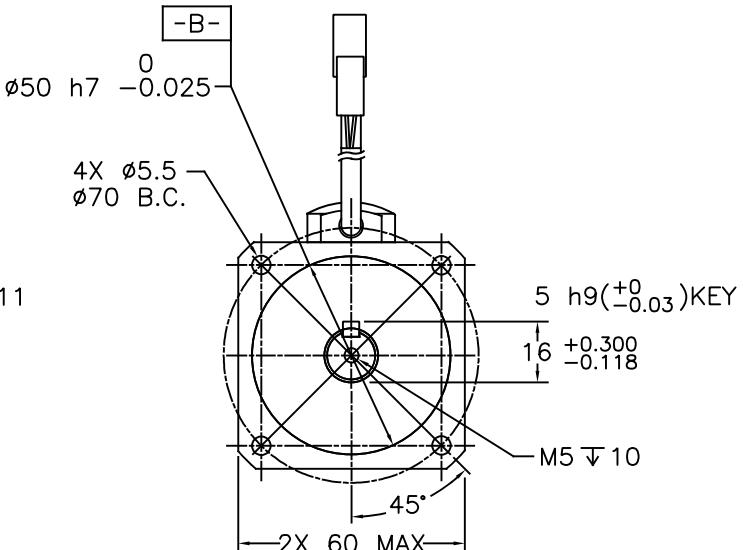
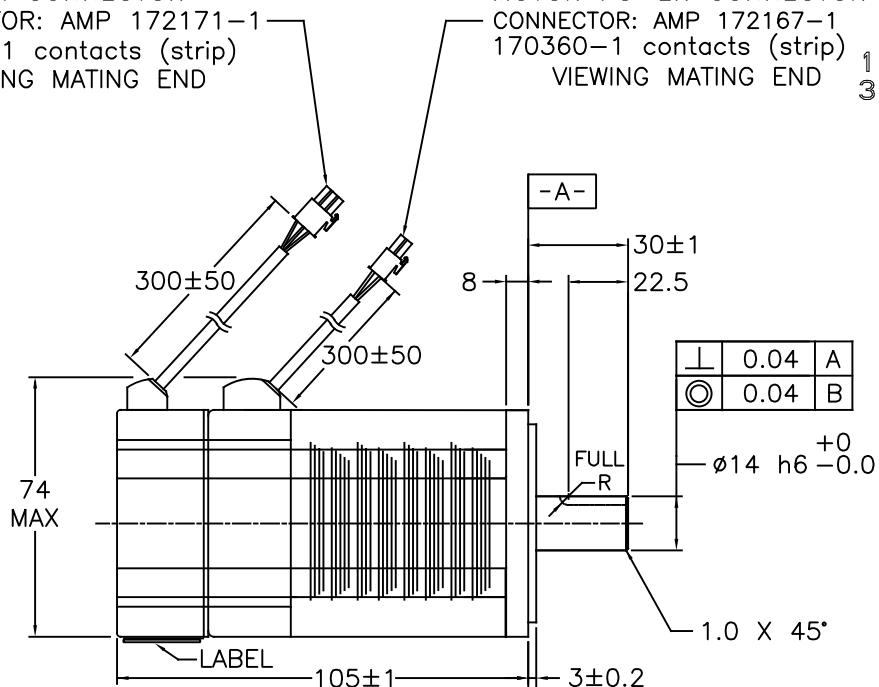
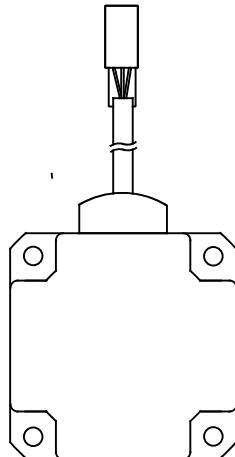
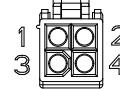
ENCODER CONNECTOR

CONNECTOR: AMP 172171-1
770835-1 contacts (strip)
VIEWING MATING END



MOTOR POWER CONNECTOR

CONNECTOR: AMP 172167-1
170360-1 contacts (strip)
VIEWING MATING END

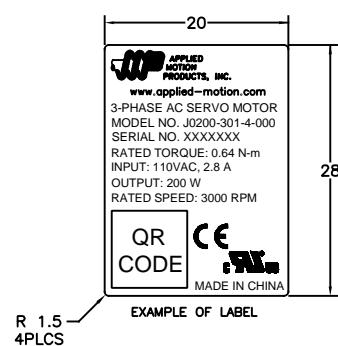


ENCODER CONNECTION TABLE

PIN	LEAD COLOR	SIGNAL
1	RED	+5V
2	BLACK	GROUND
3	BROWN	U+
4	BROWN/BLACK	U-
5	GRAY	V+
6	GRAY/BLACK	V-
7	WHITE	W+
8	WHITE/BLACK	W-
9	BLUE/BLACK	A+
10	BLUE	A-
11	GREEN	B+
12	GREEN/BLACK	B-
13	YELLOW	Z+
14	YELLOW/BLACK	Z-
15	SHIELD	SHIELD

MOTOR CONNECTION TABLE

PIN	LEAD COLOR	SIGNAL
1	RED	PHASE U
2	YELLOW	PHASE V
3	BLUE	PHASE W
4	YELLOW/GREEN	GROUND



R 1.5
4PLCS

EXAMPLE OF LABEL

NOTES: UNLESS OTHERWISE SPECIFIED

1. A SHAFT SEAL IS SHIPPED WITH MOTOR, BUT NOT INSTALLED.
2. TIMING LOGIC IS CCW AS VIEWED FROM FRONT SHAFT.
3. MOTOR IS IP65, EXCEPT SHAFT OPENING AND CABLE CONNECTOR.
4. INSTALL INDOORS, AWAY FROM DIRECT SUNLIGHT AND FLAMMABLE GASES.
5. 1000M MAX ALTITUDE.

TOLERANCES		THIRD ANGLE PROJECTION	
DECIMALS: MM (INCH)			
X.XXX = ±0.013 (.005)			
X.X = ±0.25 (.01)			
X.X = ±2.5 (.1)			
ANGLES:			
MACH. = ±.5°			
CHAM. = ±5°			
COMPUTER DATA BASE DRAWING			

APPROVALS	DATE
DRAWN R.JONEZ	5/19/14
CHECKED	

APPROVED	

REVISIONS

REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE ECO 7005	6/10/14	J KORDIK
B	ADD LABEL ECO 7060	9/15/14	J KORDIK
C	REVISE SPEC PER ECO 7205	5/8/15	J Kordik
D	ADD UL TO LABEL PER ECO 7330	10/12/15	J KORDIK
E	SPECS REVISED PER ECO 7510	10/19/16	J KORDIK

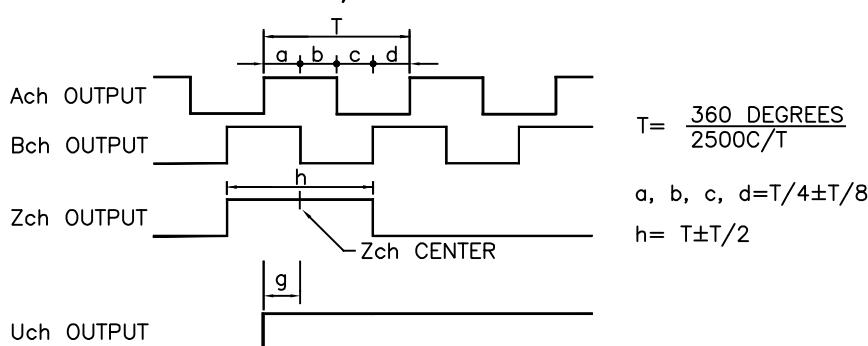
 APPLIED MOTION PRODUCTS, INC.

AC SERVO MOTOR

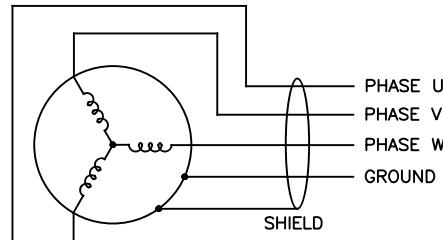
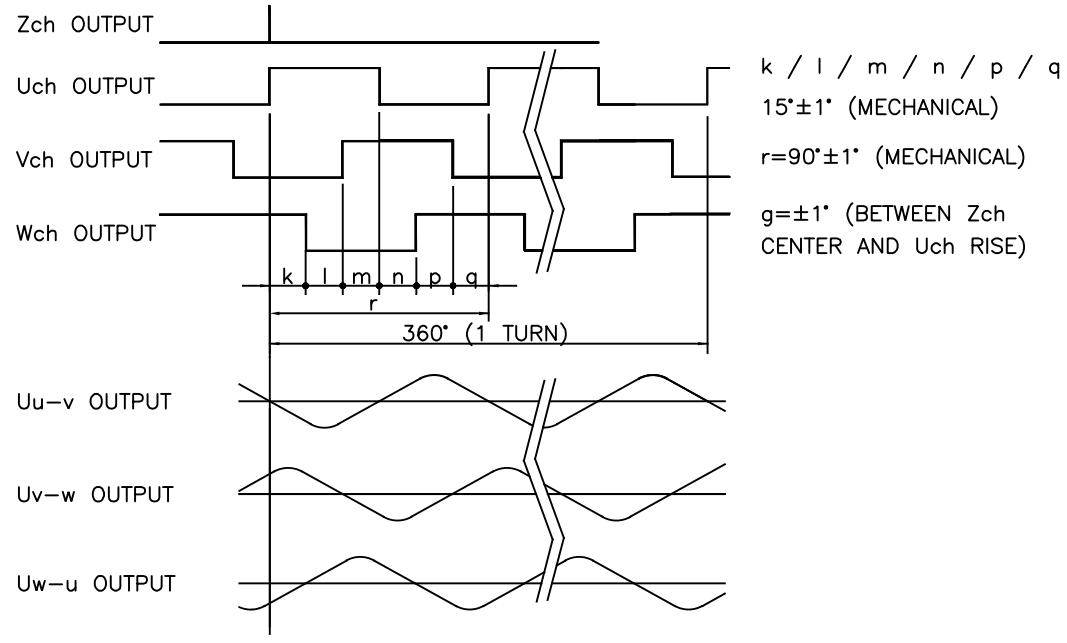
B DWG NO. J0200-301-4-000 E
REV
SCALE: NONE SHEET 1 OF 2

AC SERVOMOTOR SPECIFICATION - PERMANENT MAGNET 8 POLES		
INPUT POWER SUPPLY	VAC	120
RATED OUTPUT	W	200
VOLTAGE CONSTANT	V(rms)/K(rpm)±10%	13.6
RATED WINDING CURRENT	A (rms)	3
PEAK WINDING CURRENT	A (rms)	9
WINDING RESISTANCE	V ±10%@20°C	2.1 LINE-TO-LINE
WINDING INDUCTANCE	mH ±20%	6.1 LINE-TO-LINE
RATED TORQUE	Nm(kgf-cm)	0.64(6.52)
PEAK TORQUE	Nm(kgf-cm)	1.9(19.37)
TORQUE CONSTANT	Nm/A(rms) ±10%	0.216
RATED SPEED	rpm/min	3000
MAXIMUM SPEED	rpm/min	6000
WEIGHT	KG (LBS)	1.1(2.3)
INSULATION CLASS		B 130°C
ENCODER RESOLUTION		2500 LINES/REV.
SHAFT LOAD - AXIAL	N(MAX)	70 N/15LB
SHAFT LOAD - RADIAL	N(MAX)	200 N/45LB
MOTOR RATING	REF NOTE 3	IP65
AMBIENT TEMPERATURE	OPERATING	0 TO 40C°
AMBIENT TEMPERATURE	STORAGE	-20 TO 80C°
AMBIENT HUMIDITY MAX		85%
INERTIA - WITH ENCODER	kg m²	0.0000165

TIMING LOGIC / ENCODER SIGNALS



TIMING LOGIC / ENCODER SIGNALS (NOT TO SAME SCALE AS OTHER DETAIL)



CONTRACT NO.



SERVO MOTOR SPECIFICATIONS

APPROVALS	DATE	DWG NO.		REV
DRAWN R.JONEZ	5/19/14	J0200-301-4-000		E
CHECKED				
APPROVED				
APPROVED		SCALE: NONE		SHEET 2 OF 2