SPECIFICATIONS:				
STEPS PER REVOLUTION: 200	ROTOR INERTIA: 2.7KG-CM ² (0.0387 OZ-IN-SEC ²)NOM			
STEP ANGLE: 1.8°	DETENT TORQUE: 3.56 G-CM (49.5 OZ-IN) MIN			
STEP TO STEP ACCURACY: ±.09 DEGREES 1 , 2	INSULATION CLASS: B			
POSITIONAL ACCURACY: ±.09 DEGREES 1,3	WEIGHT: 3.8 KG (8.4 LBS)			
SHAFT RUNOUT: 0.05 mm T.I.R. MAX	TEMP. RISE: 80 °C MAX.			
RADIAL PLAY: 0.025mm MAX W/A .5KG RADIAL LOAD	OPERATING TEMP. RANGE: -20 TO +50 °C			
END PLAY: 0.075mm MAX W/A 1KG AXIAL LOAD	STORAGE TEMP. RANGE: -40 TO +70 °C			
BEARINGS: ABEC 3, DOUBLE SHIELDED	RELATIVE HUMIDITY RANGE: 5 TO 99 %			

	7	8		1	1
SPECIFICATION CONNECTION	RESISTANCE PER PHASE OHM ±10%	INDUCTANCE PER PHASE mH ±20%	RATED CURRENT Amp	HOLDING TORQUE Nm Min	HOLDING TORQUE oz—in Min.
BI-POLAR SERIES	2.6	2.6	2.8	8.9	1260
BI-POLAR PARALLEL	0.65	5.4	5.6	8.9	1260
UNI-POLAR	1.29	5.4	4.0	6.4	906

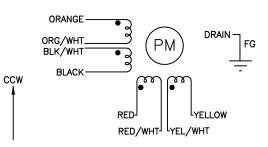
NOTES, UNLESS OTHERWISE SPECIFIED:

- 1 MEASUREMENTS MADE AT RATED CURRENT IN EACH PHASE.
- 2 BETWEEN ANY TWO ADJACENT FULL STEP POSITIONS.
- 3 MAXIMUM ERROR IN 360°.
- 4. HIPOT 1150 VAC, 60 Hz FOR ONE MINUTE.
- 5 LEADS: 8, 22AWG, 7 STRAND MIN., UL AND CSA APPROVED, 105°C. CABLE, 8 COND. W/DRAIN. CABLE 666-2126.
- 6. INSULATION RESISTANCE: 100 MEGOHMS MIN AT 500 VDC.
- 7 MEASUREMENTS MADE WITH CABLE.
- 8 MEASURED USING AN A.C. INDUCTANCE BRIDGE, AT 1KHz, WITH CABLE.
- 9 AS MEASURED BY THE CHANGE IN RESISTANCE METHOD, WITH RATED CURRENT APPLIED TO 2 PHASES; WITH MOTOR AT REST.
- 10. THIS MOTOR TO BE MANUFACTURED IN COMPLIANCE WITH EU DIRECTIVE "ROHS 2002/95/EC".
- MOTOR LABEL TO INCLUDE "ROHS" COMPLIANT, 'MADE IN (COUNTRY OF ORIGIN)' AND DATE CODE.
- 12. HIGH TORQUE MOTOR DESIGN, MICROSTEP LAMINATION, INTENDED FOR USE WITH 80VDC DRIVES WHEN WINDINGS CONNECTED IN PARALLEL AND WITH 160VDC DRIVES WHEN WINDINGS CONNECTED IN SERIES.
- [3] DRAIN WIRE TO BE CONNECTED TO INSIDE OF REAR ENDBELL.
- MOTOR TO MEET IP65 STANDARDS. CABLE GLAND TO BE NICKEL-PLATED BRASS, ASI P/N 3012215 OR EQUIVALENT.

BIPOLAR, FULL STEP, 2 PHASE ON PARALLEL CONNECTED

SWITCHING SEQUENCE FOR CW ROTATION FACING MOUNTING END

	STEP	ORANGE & BLK/WHT	BLACK & ORN/WHT	RED & YEL/WHT	YELLOW & RED/WHT
	0	+	-	+	_
	1	-	+	+	-
	2	-	+	_	+
•	3	+	ı	_	+
CW	4	+	ı	+	1



REVISIONS ECO NO. REV DESCRIPTION DATE APPROVED 3/7/12 6449 Α INITIAL RELEASE J KORDIK |8/15/12|J KORDIK 6578 105°C CABLE/DOC CLEANUP 6677 1/24/13 J KORDIK С ADD P/N FOR LABEL SEAL

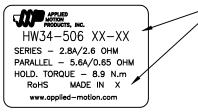
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LABEL DETAIL



CONTRACT NO					APPLIED MOTION PRODUCTS,	INC.	
APPROVALS	DATE						
DRAWN R.JONEZ	3/7/12	STEP MOTOR OUTLINE					1 1
CHECKED							
			COMPI	JTER DATA	DWG NO.		REV
APPROVED		B	BASE DRAWING		HW34-506		C
APPROVED		SCALE:	NONE			SHEET 1 OF 2	

