

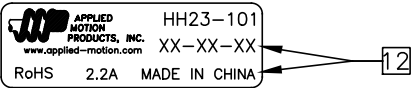
SPECIFICATIONS:	
NUMBER OF PHASES: 2	ROTOR INERTIA: 260 g-cm <sup>2</sup> ( 1.42 oz-in <sup>2</sup> ) NOM
STEPS PER REVOLUTION: 200	INSULATION CLASS: B
STEP ANGLE: 1.8°	TEMP. RISE: 80 °C MAX.
STEP TO STEP ACCURACY: ±0.09°	OPERATING TEMP. RANGE: -20 TO +50 °C
POSITIONAL ACCURACY: ± 5 %	STORAGE TEMP. RANGE: -30 TO +70 °C
AXIAL MOVEMENT: 0.1mm MAX (100N AXIAL FORCE)	RELATIVE HUMIDITY RANGE: 15 TO 85 %
BEARING SIZE: 28*15*7 mm	WEIGHT: 0.6 kg (1.32 lb)
SHAFT MATERIAL: SUS303	

	7	8	1	1	
SPECIFICATION	RESISTANCE PER PHASE (ohm ±10%)	INDUCTANCE PER PHASE (mH ±20%)	RATED CURRENT (amp)	HOLDING TORQUE (Nm MIN)	HOLDING TORQUE (oz-in Min)
CONNECTION					
BI-POLAR SERIES	1.6	6.9	2.2	1.5	212.4

- NOTES, UNLESS OTHERWISE SPECIFIED:
- 1 MEASURMENTS MADE AT RATED CURRENT IN EACH PHASE.
  - 2 BETWEEN ANY TWO ADJACENT FULL STEP POSITIONS.
  - 3 MAXIMUM ERROR IN 360°.
  - 4 HIPOT 500 VAC, 60 Hz FOR ONE MINUTE.
  - 5 CONNECTOR: JSTS6B-XH-A-1(LF)(SN)
  - 6 INSULATION RESISTANCE: 100 MEGOHMS MIN AT 500 VDC.
  - 7 AS MEASURED ACROSS EACH PHASE.
  - 8 AS MEASURED ACROSS EACH PHASE USING AN A.C. INDUCTANCE BRIDGE AT 1 KHz.
  - 9 AS MEASURED BY THE CHANGE IN RESISTANCE METHOD, WITH RATED CURRENT APPLIED TO 2 PHASES; WITH MOTOR AT REST.
  - 10 ROTOR & STATOR LAMINATED CONSTRUCTION.
  - 11 THIS MOTOR IS MANUFACTURED IN COMPLIANCE WITH THE CURRENT EU RoHS DIRECTIVE.
  - 12 MOTOR LABEL TO INCLUDE "ROHS" COMPLIANT, AMP P/N, 'MADE IN (COUNTRY OF ORIGIN)', AND DATE CODE.
  - 13 HIGH TORQUE MOTOR DESIGN.

REVISIONS				
ECO NO.	REV	DESCRIPTION	DATE	APPROVED
7068	A	PRELIMINARY RELEASE	10/24/14	D.MACLEOD
7445	B	REVISE NOTE 11	6/6/16	J.KORDIK
8359	C	1ST ANGLE TO 3RD	10/31/19	J.KORDIK
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LABEL DETAIL



FULL STEP SWITCHING SEQUENCE  
BI-POLAR, FACING MOUNTING END

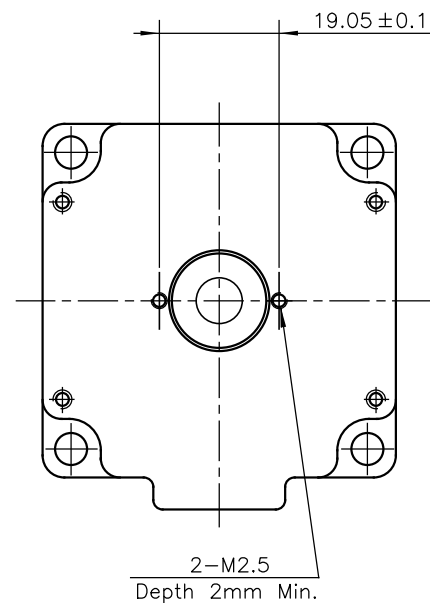
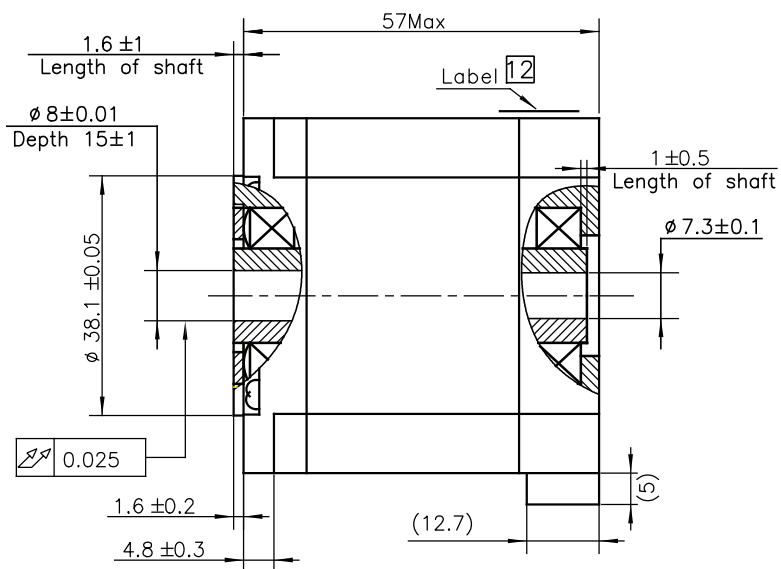
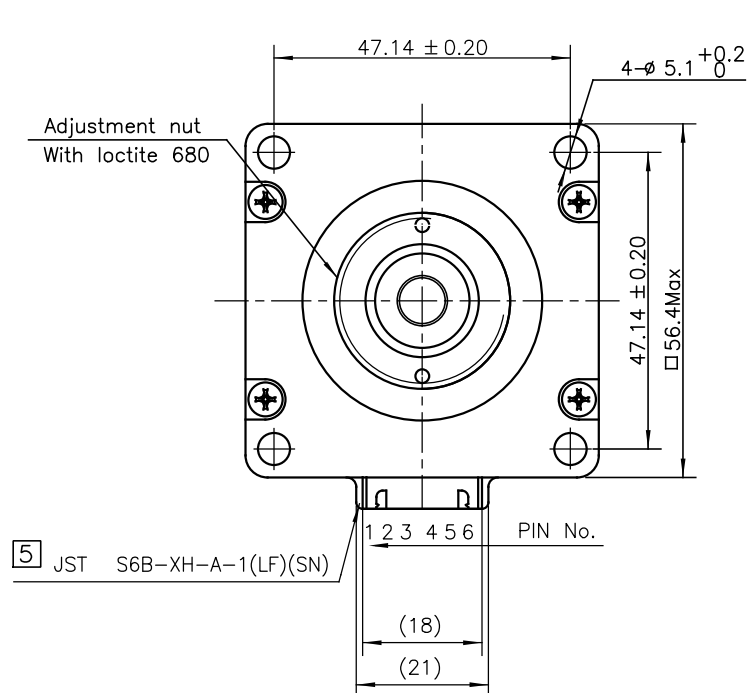
STEP	A+	A-	B+	B-
0	+	-	+	-
1	-	+	+	-
2	-	+	-	+
3	+	-	-	+
4	+	-	+	-

CCW



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PHASE DETAIL

CONTRACT NO. —				
APPROVALS	DATE	<div>STEP MOTOR OUTLINE</div>		
DRAWN K.KESLER	10/31/19			
CHECKED R.JONEZ	10/31/19			
APPROVED J.KORDIK	10/31/19			
APPROVED —	—	<div>B</div>	<div>COMPUTER DATA BASE DRAWING</div>	<div>DWG NO. HH23-101</div>
SCALE: NONE		<div>REV C</div>		
		SHEET 1 OF 2		



\*ALL DIMENSIONS IN MM

TOLERANCES		THIRD ANGLE PROJECTION		 APPLIED MOTION PRODUCTS, INC.				
DECIMALS: MM X.XX = ±0.13 X.X = ±0.25 X = ±0.5  ANGLES: MACH. = ±0.5° CHAM. = ±5°								
		APPROVALS	DATE	STEP MOTOR OUTLINE				
		DRAWN K.KESLER	10/31/19					
		CHECKED R.JONEZ	10/31/19	B	DWG NO.	HH23-101	REV	C
COMPUTER DATA BASE DRAWING		APPROVED —	—		SCALE: NONE		SHEET 2 OF 2	

# Mouser Electronics

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