

SPECIFICATIONS:

NUMBER OF PHASES: 2	ROTOR INERTIA: 14 g-cm ² (0.08 oz-in ²) NOM
STEPS PER REVOLUTION: 400	DETENT TORQUE: 10 mNm (1.42 oz-in) MIN
STEP ANGLE: 0.9°	BEARINGS: 625ZZ
STEP TO STEP ACCURACY: ±0.045° [1], [2]	INSULATION CLASS: B
POSITIONAL ACCURACY: ±5% [1], [3]	HYSTERESIS: N/A%
SHAFT RUNOUT: 0.03 mm T.I.R. MAX	TEMP. RISE: 80 °C MAX. [9]
RADIAL PLAY: 0.02 mm MAX (.5KG RADIAL LOAD)	OPERATING TEMP. RANGE: -20 TO +50 °C
END PLAY: 0.08 mm MAX (.5KG AXIAL LOAD)	STORAGE TEMP. RANGE: -30 TO +70 °C
MAXIMUM RADIAL LOAD: 21N (4.72 lb)	RELATIVE HUMIDITY RANGE: 15 TO 85 %
MAXIMUM AXIAL LOAD: 10N (2.25 lb)	WEIGHT: 0.16 kg (0.35 lb)

	[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	6.6	8	0.6	0.07	9.91

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 500 VAC, 60 Hz FOR ONE MINUTE.
5. CONNECTOR: JST S11B-ZR(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] ADD "D" TO END OF PART NUMBER IF DOUBLE SHAFT IS REQUIRED. ENCODER HOLES INCLUDED WITH REAR SHAFT VERSION ONLY.
11. ROTOR & STATOR LAMINATED CONSTRUCTION.
12. THIS MOTOR TO BE MANUFACTURED IN COMPLIANCE WITH EU DIRECTIVE "ROHS 2002/95/EC".
- [13] MOTOR LABEL TO INCLUDE "ROHS" COMPLIANT, AMP P/N, 'MADE IN (COUNTRY OF ORIGIN)', AND DATE CODE.

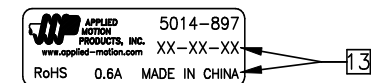


5014-897

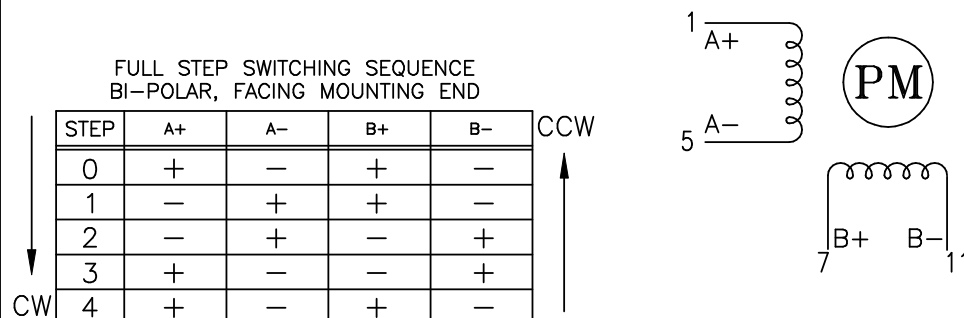
REVISIONS

ECO NO.	REV	DESCRIPTION	DATE	APPROVED
6947	A	PRELIMINARY RELEASE	4/11/14	D.MACLEOD
7048	B	ERROR CORRECTION	8/11/14	D.MACLEOD
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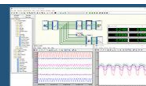
LABEL DETAIL

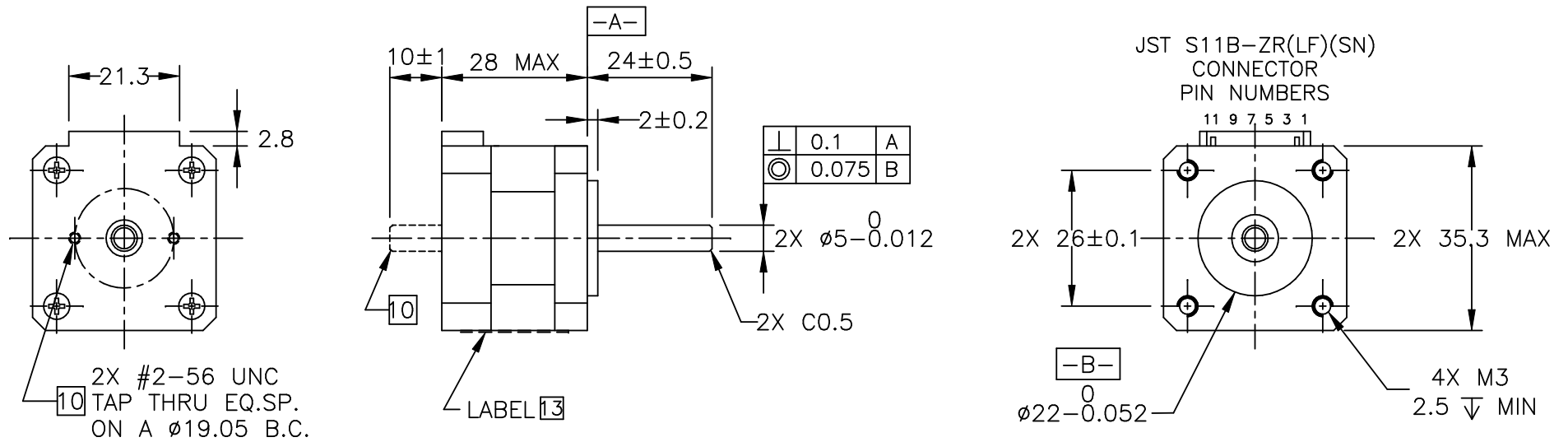


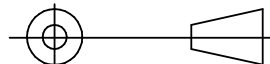
PHASE DETAIL



CONTRACT NO. —		STEP MOTOR OUTLINE DWG NO. 5014-897 SCALE: NONE SHEET 1 OF 2		
APPROVALS	DATE			
DRAWN K.KESLER	8/11/14			
CHECKED —	—			
APPROVED —	—	B	COMPUTER DATA BASE DRAWING	REV B
APPROVED —	—			





TOLERANCES		THIRD ANGLE PROJECTION	
*ALL DIMENSIONS IN MM DECIMALS: MM X.XX = ±0.13 X.X = ±0.25 ANGLES: MACH. = ±0.5° CHAM. = ±5°			
		APPROVALS	DATE
		DRAWN K. KESLER	8/11/14
COMPUTER DATA BASE DRAWING		CHECKED	REV B
		APPROVED	SCALE: NONE
		STEP MOTOR OUTLINE	
		DWG NO. 5014-897	
		SHEET 2 OF 2	



Cobots



Visión Artificial



PLCs



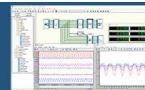
HMIs



Sensores



Registradores



Software



Gateways



Osciloscopios



Celda de carga



DAQ / IoT



PCs Industriales