SPECIFICATIONS:				
STEPS PER REVOLUTION: 200	ROTOR INERTIA: 750 G-CM ² (4.09 oz-in ²)NOM			
STEP ANGLE: 1.8"	DETENT TORQUE: 120 mN-m (16.99 oz-in) MIN			
STEP TO STEP ACCURACY:±.09 DEGREES 1, 2	INSULATION CLASS: B			
RADIAL PLAY: 0.02 mm MAX W/.5KG RADIAL LOAD	WEIGHT: 1.5 KG (3.3 LB)			
SHAFT DYNAMIC AXIAL LOAD: 15N MAX	OPERATING TEMP. RANGE: -20 TO +50 °C			
SHAFT DYNAMIC RADIAL LOAD: 75N MAX	STORAGE TEMP. RANGE: -30 TO +70 °C			
TEMP. RISE: 80 °C MAX.				
RELATIVE HUMIDITY RANGE: 15 TO 85 %				

Τ	REVISIONS						
	ECO NO.	REV	DESCRIPTION	DATE	APPROVED		
	6941	A	INITIAL RELEASE	6/16/14	J KORDIK		
	8034	В	CHG REAR SHAFT LENGTH/TYPO	8/28/18	M.Maroney		

-ZAA

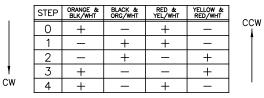
HT23-603D

	3	7		1	1
SPECIFICATION	RESISTANCE PER PHASE	INDUCTANCE PER PHASE	RATED CURRENT	HOLDING TORQUE	HOLDING TORQUE
	OHM ±10%	mH ±20%	Amp	N-m Min	oz—in Min
BI-POLAR SERIES	2.0	8.8	2.5	2.5	354
BI-POLAR PARALLEL	0.5	2.2	5.0	2.5	354
UNI-POLAR 1.0		2.2	3.5	1.86	264

NOTES, UNLESS OTHERWISE SPECIFIED:

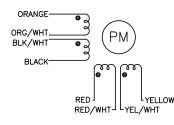
- 1 MEASUREMENTS MADE AT RATED CURRENT IN BOTH PHASES.
- 2 BETWEEN ANY TWO ADJACENT FULL STEP POSITIONS.
- 3 MEASUREMENTS MADE AT LEAD ENDS.
- 4. HIPOT 500 VAC, 60 Hz FOR ONE MINUTE.
- 5. LEADS: 8, 22 AWG, 7 STRAND MIN., UL AND CSA APPROVED, UL 1430 OR UL 3265.
- 6. INSULATION RESISTANCE: 100 MEGOHMS MIN AT 500 VDC.
- T MEASURED USING AN A.C. INDUCTANCE BRIDGE, AT 1 kHz. MEASUREMENTS MADE AT LEAD ENDS.
- 8 AS MEASURED BY THE CHANGE IN RESISTANCE METHOD, WITH RATED VOLTAGE APPLIED TO 2 PHASES; WITH MOTOR AT REST.
- 9 ENCODER 970-1001 INSTALLED PER AMP ASSEMBLY PRACTICES. ENCODER CABLE SOLD SEPARATELY..
- 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.

BI-POLAR,	FULL	STEP,	2	PHASE	ON	
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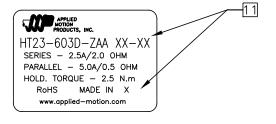
SWITCHING SEQUENCE FOR ROTATION FACING MOUNTING END.

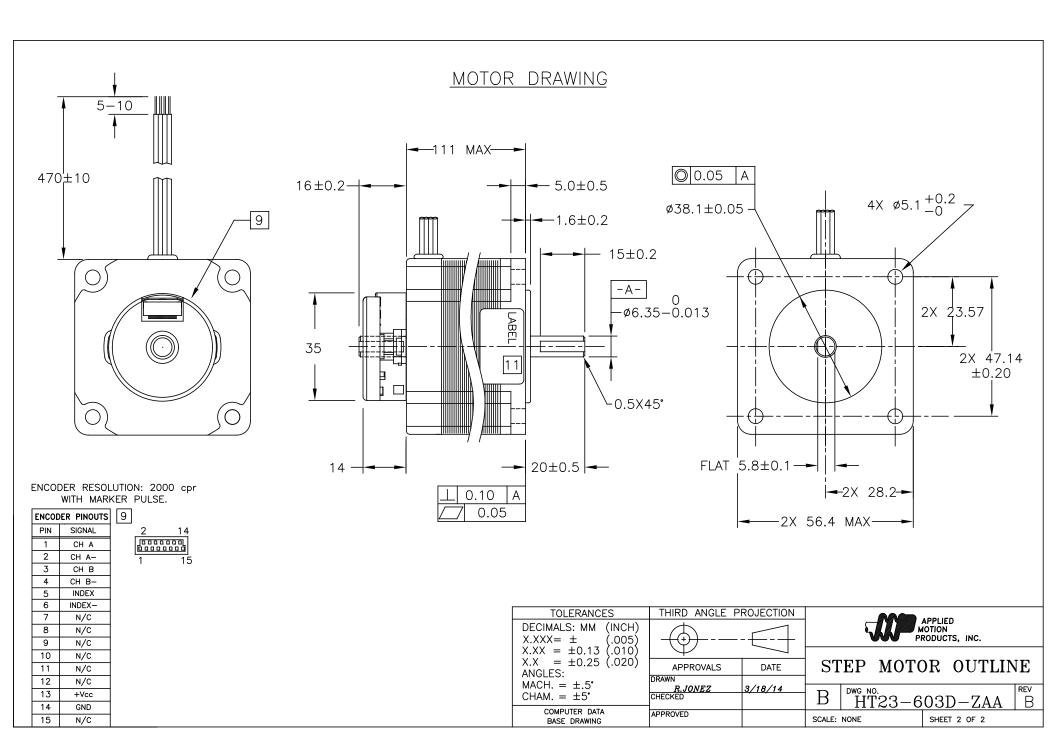
WIRING DIAGRAM



CONTRACT NO.	APPLIED MOTION PRODUCTS, INC.						
APPROVALS	DATE	_					
DRAWN R.JONEZ	STEP MOTOR		OUTLINE				
CHECKED		-					
APPROVED		B		ITER DATA DRAWING	HT23	-603D-ZAA	rev B
APPROVED		SCALE: NONE				SHEET 1 OF 2	

LABEL DETAIL





Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Applied Motion: <u>HT23-603D-ZAA</u>