SPECIFICATIONS:			
STEPS PER REVOLUTION: 200	ROTOR INERTIA: 300 G-CM ² (1.64 OZ-IN ²) NOM		
STEP ANGLE: 1.8°	HOLDING TORQUE: 9.0 KG-CM (125 OZ-IN)MIN 1		
STEP TO STEP ACCURACY: ± 5 % 1,2	DETENT TORQUE: 500 G-CM (6.94 OZ-IN)MIN		
POSITIONAL ACCURACY: ± 5 % 1,3			
HYSTERESIS: %	INSULATION CLASS: B		
WINDING RESISTANCE: 7.2 OHM ±10% AT 25° 7	BEARINGS: ABEC 3 , DOUBLE SHIELDED		
WINDING INDUCTANCE: 11 mH ± 20% 8	WEIGHT: 0.7 KG (1.54 LB)		
PHASE VOLTAGE: 7.2 VDC	TEMP. RISE: 80 °C MAX.		
PHASE CURRENT: 1.0 AMP [(RATED) UNIPOLAR]	OPERATING TEMP. RANGE: -20 TO +50°C		
	STORAGE TEMP. RANGE: -40 TO 70°C		
SHAFT RUNOUT: 0.05 T.I.R.	RELATIVE HUMIDITY RANGE: 5 TO 95 %		
RADIAL PLAY: 0.025 MAX W/A .5KG RADIAL LOAD.			
END PLAY: 0.075 MAX W/A 1KG AXIAL LOAD.			

9
6
3
3
્ય
Η

ECO NO.	REV	DESCRIPTION	DATE	APPROVED
3987	Α	INITIAL RELEASE	8/13/96	X. Kordik
5006	В			
5235	С	ADD EU COMPLIANCE NOTES	8/25/05	R. Hazelwood
6006	D	ADD ENV DRAWING/ ENC HOLES	10/20/09	J KORDIK
6082	Е	ADD #4 HOLES	3/3/10	J KORDIK
·				

NOTES, UNLESS OTHERWISE SPECIFIED:

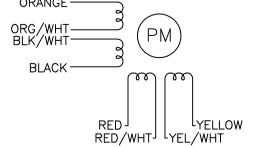
- 1 MEASURMENTS MADE AT RATED CURRENT IN EACH PHASE.
- 2 BETWEEN ANY TWO ADJACENT STEP POSITIONS.
- 3 MAXIMUM ERROR IN 360°.
- 4. HIPOT 500 VAC, 60 Hz FOR ONE MINUTE.
- 5. LEADS: 8 ,AWG 22,7 STRAND MIN.,UL AND CSA APPROVED, UL 3265.
- 6. INSULATION RESISTANCE: 100 MEGOHMS MIN AT 500 VDC.
- 7 AS MEASURED ACROSS ANY WINDING. RESISTANCE IS DOUBLED WITH BOTH WINDINGS IN SERIES.
- 8 AS MEASURED ACROSS ANY WINDING USING AN A.C. INDUCTANCE BRIDGE, AT 1KHz. INDUCTANCE IS FOUR TIMES VALUE WITH WINDINGS IN SERIES.
- 9 AS MEASURED BY THE CHANGE IN RESISTANCE METHOD, WITH RATED VOLTAGE APPLIED TO 2 PHASES; WITH MOTOR AT REST.
- 10. HIGH TORQUE MOTOR DESIGN, MICROSTEP LAMINATION.
- 11. ROTOR & STATOR LAMINATION MATERIAL: 0.5mm thk, SEE AMP STD SPEC #1500-062.
- SHAFT OPTION: IF DOUBLE SHAFT REQUIRED ADD "D" TO END OF PART NUMBER.

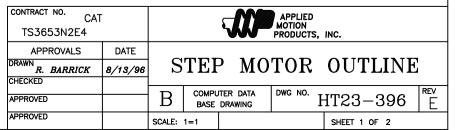
 DOUBLE SHAFT REQUIRES ADDED HOLES FOR ENCODER OPTIONS.
- 13. THIS MOTOR TO BE MANUFACTURED IN COMPLIANCE WITH EU DIRECTIVE "ROHS 2002/95/EC".
- MOTOR LABEL TO INCLUDE "ROHS" COMPLIANT, 'MADE IN (COUNTRY OF ORIGIN)' AND DATE CODE.

RoHS MADE IN X www.applied-motion.com ORANGE ORANGE ORANGE

SWITCHING SEQUENCE FOR CW ROTATION FACING MOUNTING END					
STEP	ORANGE	BLACK	RED	YELLOW	
0	+	_	+	_	

STEP	ORANGE	BLACK	RED	YELLOW
0	+	_	+	_
1	-	+	+	_
2		+	1	+
3	+	-	1	+
4	+	_	+	_

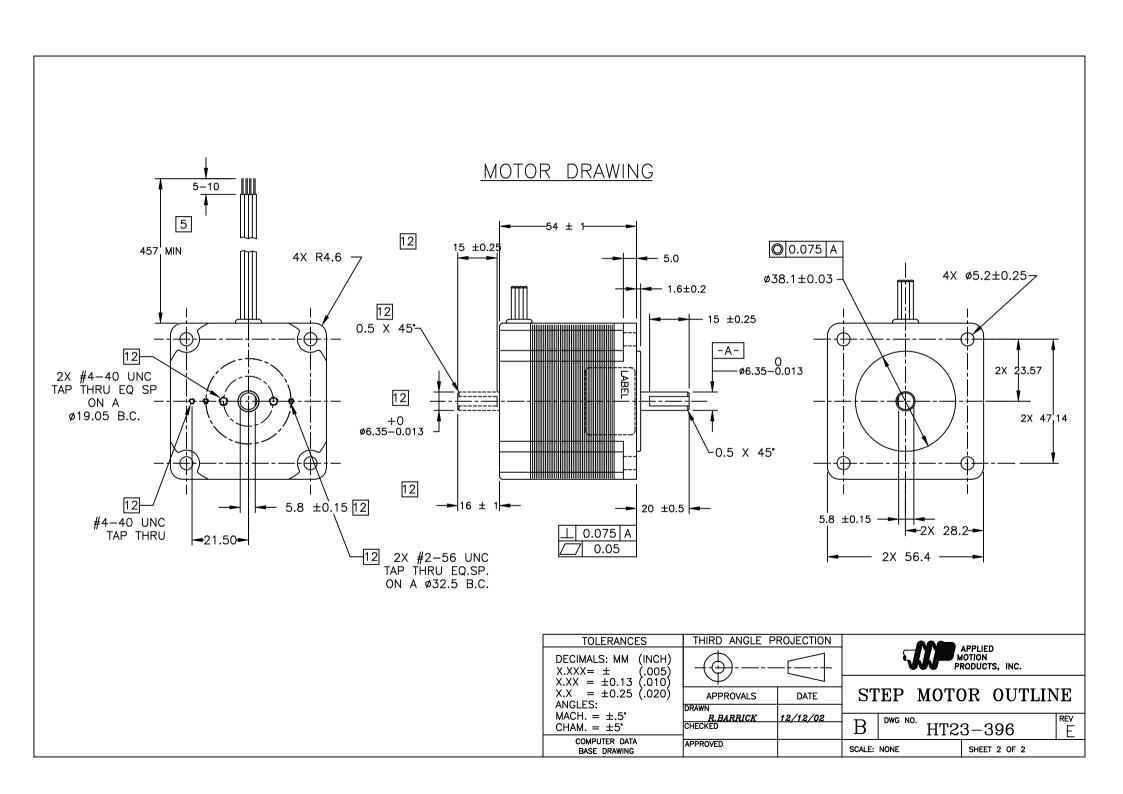




LABEL DETAIL

HT23-396 XX-XX

APPLIED MOTION PRODUCTS, INC.



Mouser Electronics

Authorized Distributor

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

Applied Motion: HT23-396D