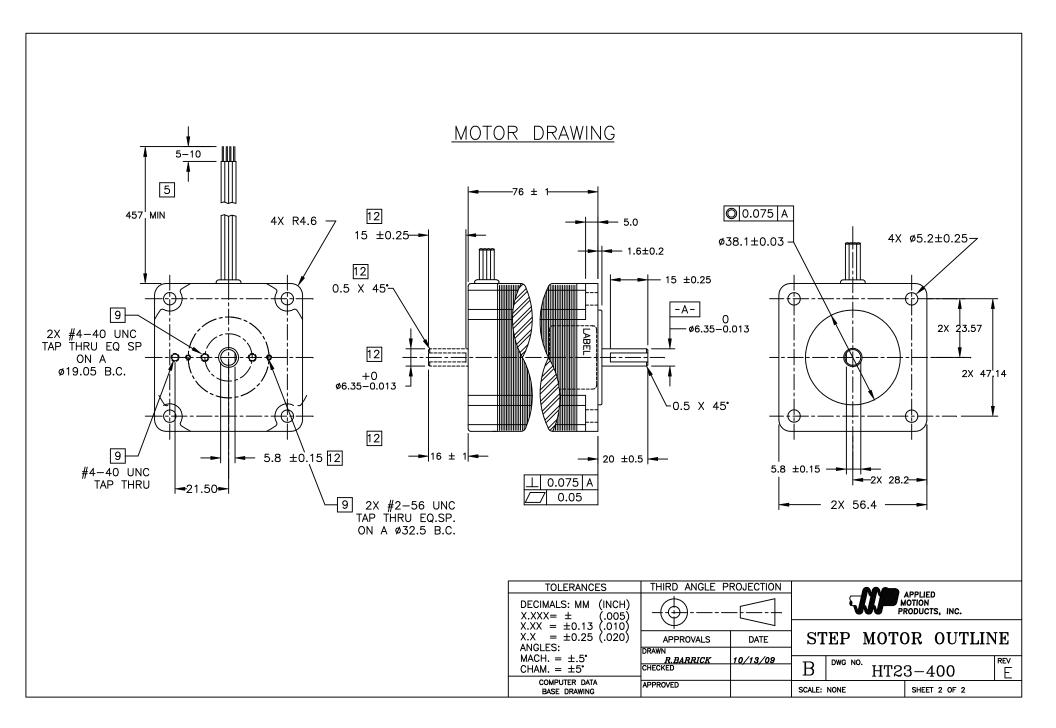
SPECIFICATIONS:			REVISIONS					
STEPS PER REVOLUTION: 200	ROTOR INERTIA: 480 G-CM <sup>2</sup> (2.62 OZ-IN <sup>2</sup> ) NOM			ECO NO.	REV	DESCRIPTION	DATE	APPROVED
STEP ANGLE: 1.8°	HOLDING TORQUE: 13.5KG-CM (187 OZ-IN)MIN	0		3987	Α	INITIAL RELEASE	8/16/06	K. Kordik
	DETENT TORQUE: 800 G-CM (11.11 0Z-IN) MIN	400					0/10/90	J. Joraik
POSITIONAL ACCURACY: ± 5 % 1,3				5007	В	ADD"23HT76D"IF DBL SHFT		
HYSTERESIS: %	INSULATION CLASS: B	က်		5235	С	ADD EU COMPLIANCE NOTES	8/25/05	R. Hazelwood
WINDING RESISTANCE: 2.25 OHM ±10% AT 25 7		ം സ		6006	D	ADD ENV DRAWING/ ENC HOLES	10/20/09	J KORDIK
WINDING INDUCTANCE: 3.6 mH ± 20% 8		HT		6082	Е	ADD #4 HOLES	3/3/10	
PHASE VOLTAGE: 4.5 VDC	TEMP. RISE: 80 °C MAX. 9				-			l
PHASE CURRENT: 2.0 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.								l
								<b> </b>
<ul> <li>8 AS MEASURED ACROSS ANY WINDING USING A</li> <li>9 AS MEASURED BY THE CHANGE IN RESISTANC VOLTAGE APPLIED TO 2 PHASES; WITH MOTOR</li> <li>10. HIGH TORQUE MOTOR DESIGN, MICROSTEP L</li> <li>11. ROTOR &amp; STATOR LAMINATION MATERIAL: 0.5</li> <li>12 SHAFT OPTION: IF DOUBLE SHAFT REQUIRED DOUBLE SHAFT REQUIRES ADDED HOLES FO</li> <li>13. THIS MOTOR TO BE MANUFACTURED IN COMPL</li> </ul>	AT 500 VDC. INCE IS DOUBLED WITH BOTH WINDINGS IN SERIES. IN A.C. INDUCTANCE BRIDGE, AT 1KHz. INDUCTANCE IS F E METHOD, WITH RATED AT REST. AMINATION. Somm thk, SEE AMP STD SPEC #1500-062. O ADD "D" TO END OF PART NUMBER. R ENCODER OPTIONS. JANCE WITH EU DIRECTIVE "ROHS 2002/95/EC". T, 'MADE IN (COUNTRY OF ORIGIN)' AND DATE CODE.	OUR TIM	ies V	ALUE WITH Y	<b>WINDI</b>	NGS IN SERIES. LABEL DETAIL MERCONCES, INC. HT23-400 XX-XX ROHS MADE IN X WWW.opplied-motion.com		-14
SWITCHING SEQUENCE FOR CW ROTATION FACING MOUNTING END	ORG/WHT		CONTR	ACT NO. CA	T		)	
STEP ORANGE BLACK RED YELLOW	2		TS	3653N3E8		MOTION PRODUCT	'S, INC.	
	BLACK — CAN CAN		A	PPROVALS	D	NTE		
			DRAWN	D DADDIAK	-	5/96 STEP MOTOR	OUTI	INE
			CHECK		<u> </u>	-/		
2 - + - +				B. Corser	, 8/1	6/96 B COMPUTER DATA DWG NO.	TIMOO	A D O REV
3 + +	RED J L LYELLOW RED/WHT YEL/WHT		APPRO	<sup>VE</sup> X. Kordi	& <u>8/1</u>	6/96 B BASE DRAWING	HT23-4	400   E
			APPRO'	VED		SCALE: 1=1	SHEET 1 OF	2



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