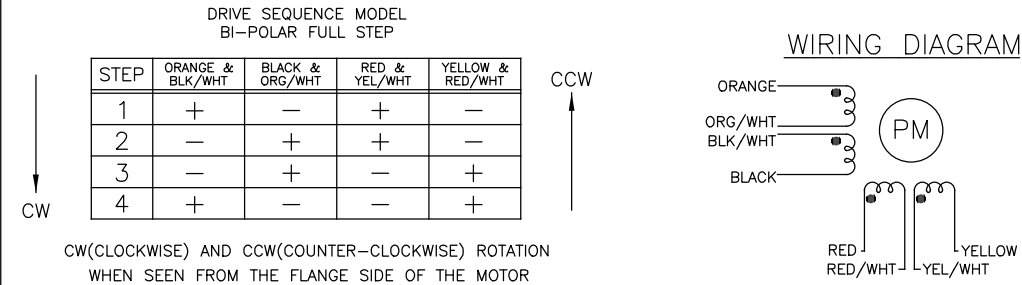


SPECIFICATIONS:	
STEPS PER REVOLUTION: 200	ROTOR INERTIA: 123 G-CM ² (0.67 OZ-IN ²) REF
STEP ANGLE: 1.8°	DETENT TORQUE: 25 mNm (3.54 OZ-IN) MIN
STEP TO STEP ACCURACY: ±.09 DEGREES 1 , 2	INSULATION CLASS: B
POSITIONAL ACCURACY: ±.09 DEGREES 1 , 3	BEARINGS: ABEC 3 , DOUBLE SHIELDED
HYSTERESIS:— %	WEIGHT: 600 G (21.1 OZ) APPROXIMATE
SHAFT RUNOUT: 0.03 T.I.R.	TEMP. RISE: 80 °C MAX. 8
RADIAL PLAY: 0.02 MAX W/A .5KG RADIAL LOAD	OPERATING TEMP. RANGE: −20 TO +50 °C
END PLAY: 0.08 MAX W/A .5KG AXIAL LOAD	STORAGE TEMP. RANGE: −30 TO +70 °C
SHAFT DYNAMIC AXIAL LOAD: 10N MAX	RELATIVE HUMIDITY RANGE: 15 TO 85 %
SHAFT DYNAMIC RADIAL LOAD: 21N MAX	

7					
SPECIFICATION CONNECTION	NUMBER OF PHASE	RESISTANCE PER PHASE OHM ±10%	INDUCTANCE PER PHASE mH ±20%	RATED CURRENT Amp	HOLDING TORQUE N.m Min
BI-POLAR SERIES	2	6.4	12	1.0	0.80
BI-POLAR PARALLEL	2	1.6	3.0	2.0	0.80
UNI-POLAR	4	3.2	3.0	1.4	0.56

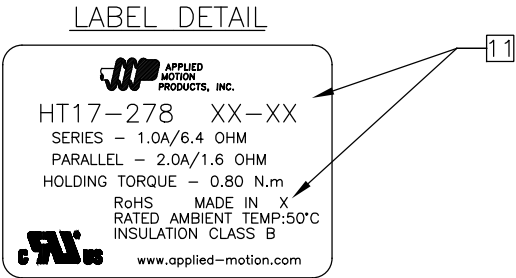
1

- NOTES, UNLESS OTHERWISE SPECIFIED:
- 1 MEASUREMENTS 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, 26 AWG, 7 STRAND MIN.,UL AND CSA APPROVED, UL 1430 OR UL 3265.
 - 6. INSULATION RESISTANCE: 100 MEGOHMS MIN AT 500 VDC.
 - 7 AS MEASURED USING AN A.C. INDUCTANCE BRIDGE, AT 1KHz.
 - 8 AS MEASURED BY THE CHANGE IN RESISTANCE METHOD, WITH RATED VOLTAGE APPLIED TO 2 PHASES; WITH MOTOR AT REST.
 - 9 SHAFT OPTION: IF DOUBLE SHAFT REQUIRED ADD "D" TO END OF PART NUMBER, DOUBLE SHAFT REQUIRES ADDED HOLES FOR ENCODER OPTIONS.
 - 10. THIS MOTOR IS MANUFACTURED IN COMPLIANCE WITH THE CURRENT EU RoHS DIRECTIVE.
 - 11 MOTOR LABEL TO INCLUDE "ROHS" COMPLIANT, 'MADE IN (COUNTRY OF ORIGIN)' AND DATE CODE.



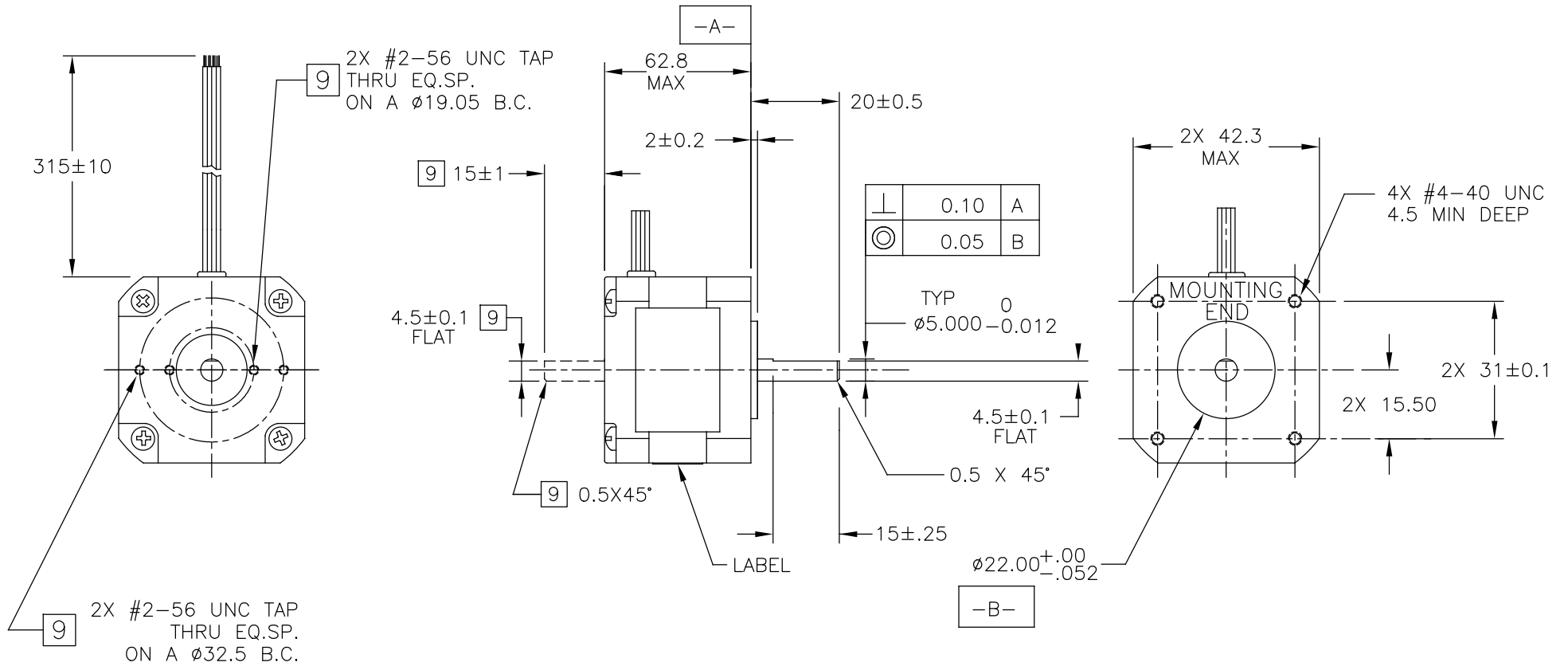
REVISIONS				
ECO NO.	REV	DESCRIPTION	DATE	APPROVED
6517	A	INITIAL RELEASE	5/8/12	J Kordik
6625	B	ADD SPECS	3/5/13	J Kordik
7247	C	ADD UL TO LABEL	1/26/16	J Kordik
7446	D	REVISE NOTE 10	1/26/16	J Kordik
8209	E	DOCUMENT CLEANUP	4/29/19	J Kordik



HT17-278



CONTRACT NO. —		APPLIED MOTION PRODUCTS, INC.		
APPROVALS	DATE	STEP MOTOR OUTLINE		
DRAWN R.JONEZ	5/7/12			
CHECKED				
APPROVED				
APPROVED		B	COMPUTER DATA BASE DRAWING	DWG NO. HT17-278
		SCALE: NONE	SHEET 1 OF 2	

MOTOR DRAWING



TOLERANCES		THIRD ANGLE PROJECTION		 APPLIED MOTION PRODUCTS, INC.							
DECIMALS: MM (INCH) X.XXX = ±0.013 (.005) X.XX = ±0.25 (.01) X.X = ±2.5 (0.1) ANGLES: MACH. = ±5° CHAM. = ±5°				STEP MOTOR OUTLINE							
		<table><tr><td>APPROVALS</td><td>DATE</td></tr><tr><td>DRAWN <i>R.JONEZ</i></td><td>5/7/12</td></tr><tr><td>CHECKED</td><td></td></tr><tr><td>APPROVED</td><td></td></tr></table>				APPROVALS	DATE	DRAWN <i>R.JONEZ</i>	5/7/12	CHECKED	
APPROVALS	DATE										
DRAWN <i>R.JONEZ</i>	5/7/12										
CHECKED											
APPROVED											
COMPUTER DATA BASE DRAWING				B	DWG NO. HT17-278	REV E					
				SCALE: NONE		SHEET 2 OF 2					

Mouser Electronics

Authorized Distributor

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