

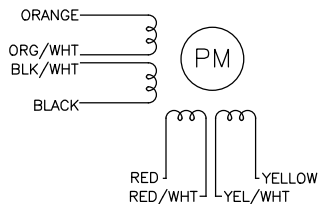
SPECIFICATIONS:	
STEPS PER REVOLUTION: 200	ROTOR INERTIA: 57.0 G-CM ² (.31 OZ-IN ²) REF
STEP ANGLE: 1.8°	DETENT TORQUE: 152.9 G-CM (2.12 OZ-IN) MIN
STEP TO STEP ACCURACY:±.09 DEGREES [1] , [2]	INSULATION CLASS: B
POSITIONAL ACCURACY: ±.09 DEGREES [1] , [3]	BEARINGS: ABEC 3 , DOUBLE SHIELDED
HYSTERESIS:— %	WEIGHT: 280 G (9.8 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
	RELATIVE HUMIDITY RANGE: 15 TO 85 %

[7]						
SPECIFICATION CONNECTION	NUMBER OF PHASE	RESISTANCE PER PHASE OHM ±10%	INDUCTANCE PER PHASE mH ±20%	RATED CURRENT Amp	RATED VOLTAGE V	HOLDING TORQUE N.m Min [1]
BI-POLAR SERIES	2	7.0	12.0	0.85	6.0	0.37
BI-POLAR PARALLEL	2	1.7	3.0	1.70	2.9	0.37
UNI-POLAR	4	3.5	3.0	1.20	4.2	0.29

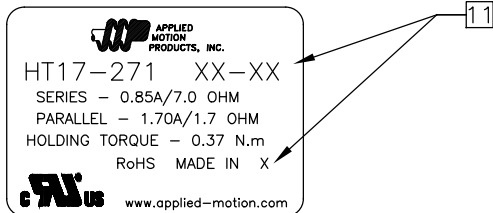
NOTES, UNLESS OTHERWISE SPECIFIED:

- [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.

WIRING DIAGRAM

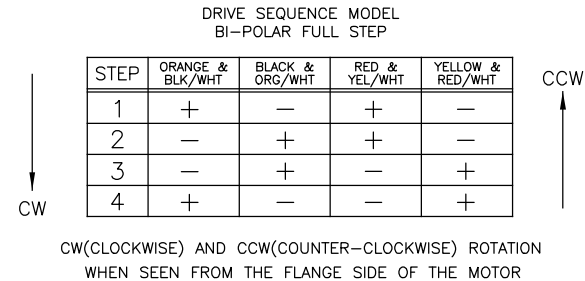


LABEL DETAIL



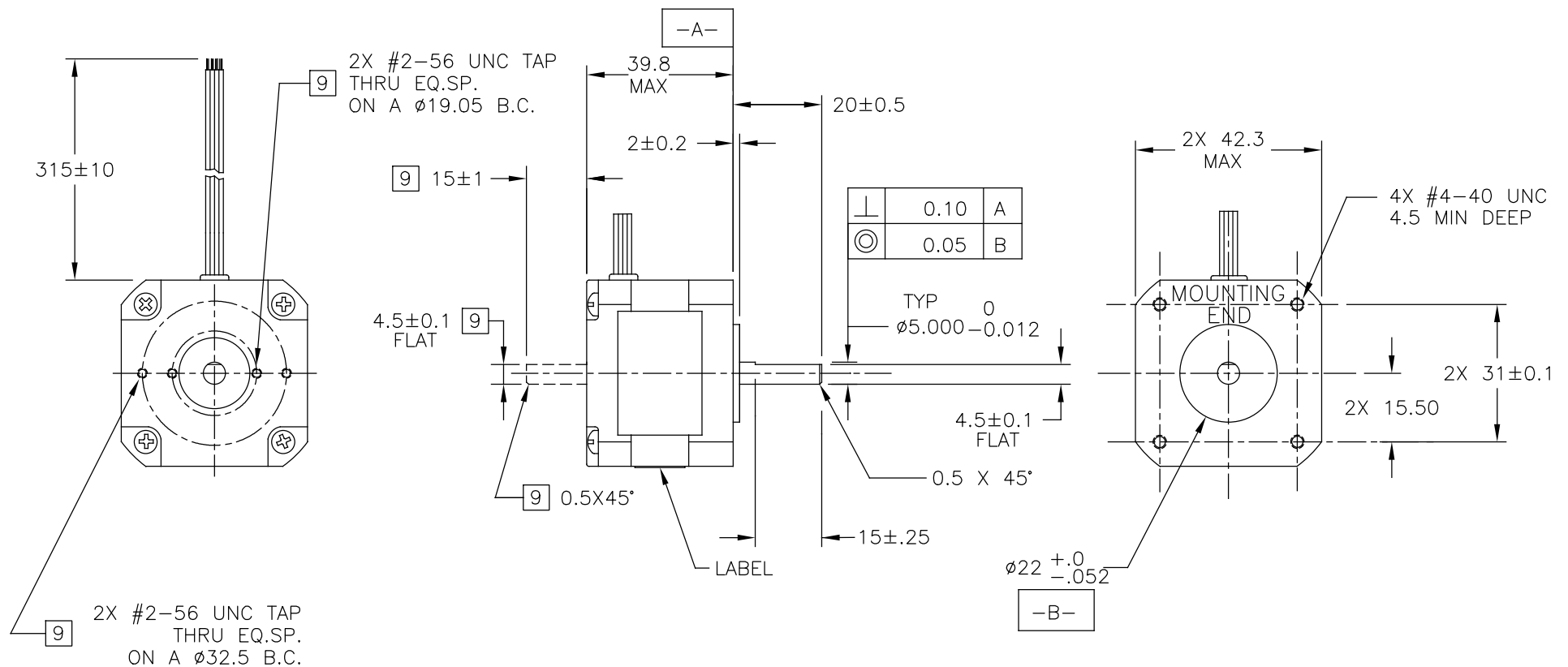
HT17-271


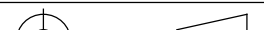
REVISIONS				
ECO NO.	REV	DESCRIPTION	DATE	APPROVED
5976	A	INITIAL RELEASE	8/28/09	J KORDIK
6090	B	STANDARDIZE ENCODER HOLES	3/29/10	J KORDIK
7247	C	ADD UL TO LABEL	1/26/16	J KORDIK
7446	D	REVISE NOTE 10	6/6/16	J KORDIK
8209	E	DOCUMENT CLEANUP	4/29/19	J KORDIK
8277	F	REMOVE ENCODER HOLES	7/3/19	J.KORDIK



CONTRACT NO. —		APPLIED MOTION PRODUCTS, INC.		
APPROVALS	DATE	STEP MOTOR OUTLINE		
DRAWN R.JONEZ	8/19/09			
CHECKED		B COMPUTER DATA BASE DRAWING		
APPROVED				
APPROVED		SCALE: NONE	DWG NO. HT17-271	REV F
			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		
		APPROVALS	DATE			
		DRAWN <i>R. JONEZ</i>	8/18/09			
		CHECKED		B	DWG NO. HT17-271	REV F
COMPUTER DATA BASE DRAWING		APPROVED		SCALE: NONE		SHEET 2 OF 2

Mouser Electronics

Authorized Distributor

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