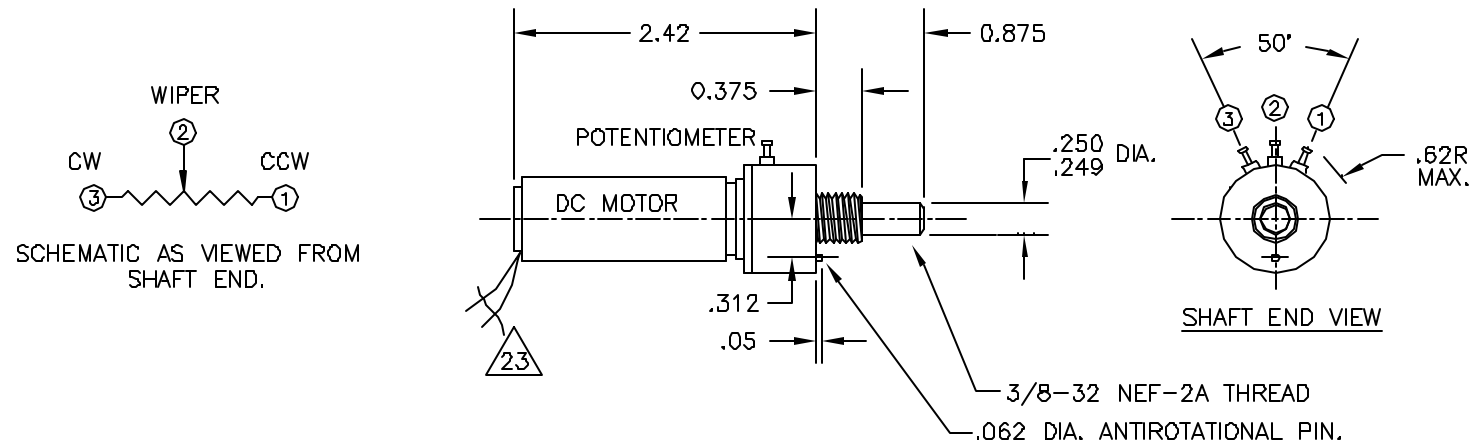


REVISIONS				
C/L	DESCRIPTION	BY	APP'D	DATE
A	REMOVED POINTER OPTION	Marin corona	A.D	09/14/98
B	ADDED NOTE 17.	MC	A.P	11/18/98



DASH No.	RESISTANCE (ohms)	RESOL. (%)	LIN. (±%)
50R	50	.413	1.5
101	100	.259	1.0
251	250	.201	1.0
501	500	.153	.75
102	1,000	.151	.75
202	2,000	.158	.75
252	2,500	.154	.75
502	5,000	.118	.50
103	10,000	.093	.50
203	20,000	.091	.50
253	25,000	.086	.50
503	50,000	.058	.50

CHART II

VOLTS (Volt DC)	CURRENT (ma, idle)	RPM
1.3	1.4	3
3	1.5	6
6	1.6	12
9	1.6	23
12	1.6	30
14	1.6	33

17. MAXIMUM MOTOR BACKLASH: 3'.
16. SEALED CONSTRUCTION.
15. HARDWARE: INTERNAL TOOTH LOCKWASHER & HEX NUT.
14. PRECIOUS METAL CONTACTS.
13. STAINLESS STEEL SHAFT AND LOCATING PIN.
12. ANODIZED ALUMINUM HOUSING.
11. EQUIVALENT NOISE RESISTANCE: 100 OHMS, MAX.
10. LIFE: 1,000,000 REV. AT 40 RPM.
9. DIELECTRIC STRENGTH: 750 V RMS.
8. WATTAGE: 2 WATTS AT 85 °C DERATED TO ZERO AT 135 °C.
7. OPERATING TEMP. RANGE: -55° TO +125 °C.
6. MECHANICAL ANGLE: 360° CONTINUOUS.
5. ELECTRICAL FUNCTION ANGLE: 353° ±3'.
4. INDEPENDENT LINEARITY: SEE CHART I.
3. RESISTANCE TOLERANCE: ±5%.
2. RESOLUTION: SEE CHART I.
1. RESISTANCE: SEE CHART I.

23. LEADS: AWG26, 12" LONG (RED&BLACK LEADS)
22. TORQUE: 36 Ounce-In. @ 12 V DC, 100 mA (nom.)
21. BREAK AWAY VOLTAGE: 1.25 V DC
20. MOTOR: MINIMOTOR SA RATIO: 262:1
19. CURRENT: SEE CHART II.
18. VOLTAGE: SEE CHART II.
17. SPEED: SEE CHART II.

MOTOR SPECIFICATIONS

QTY	ITEM	PART NO.	DESCRIPTION

TOLERANCES UNLESS OTHERWISE SPECIFIED FRACTIONS ±1/64      DECIMALS .001 ANGLES ±1/2°      .005 ±.009		PRECISION SALES INC.    www.precisionsales.com P:610-359-1002                      F:610-353-1674	
THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF MAUREY INSTRUMENT CORP AND ARE ISSUED IN STRICT CONFIDENCE AND SHALL NOT BE REPRODUCED OR COPIED OR USED AS THE BASIS FOR THE MANUFACTURE OR SALE OF APPARATUS IN WHOLE OR IN PART WITHOUT PERMISSION		<b>MAUREY INSTRUMENT CORP.</b> <b>MOTORIZED POTENTIOMETER, WW, BUSHING</b>	
PART NO.    NEXT ASSY.		DRAWN BY: <b>Boro Sunar</b> DATE: <b>03/09/95</b>	SCALE: 1:1 M2821    B

POTENTIOMETER SPECIFICATIONS