REVISIONS				
C/L	DESCRIPTION	BY	APP'D	DATE
A	REV. NOTES & NAMES	MC	AD	5/10/00

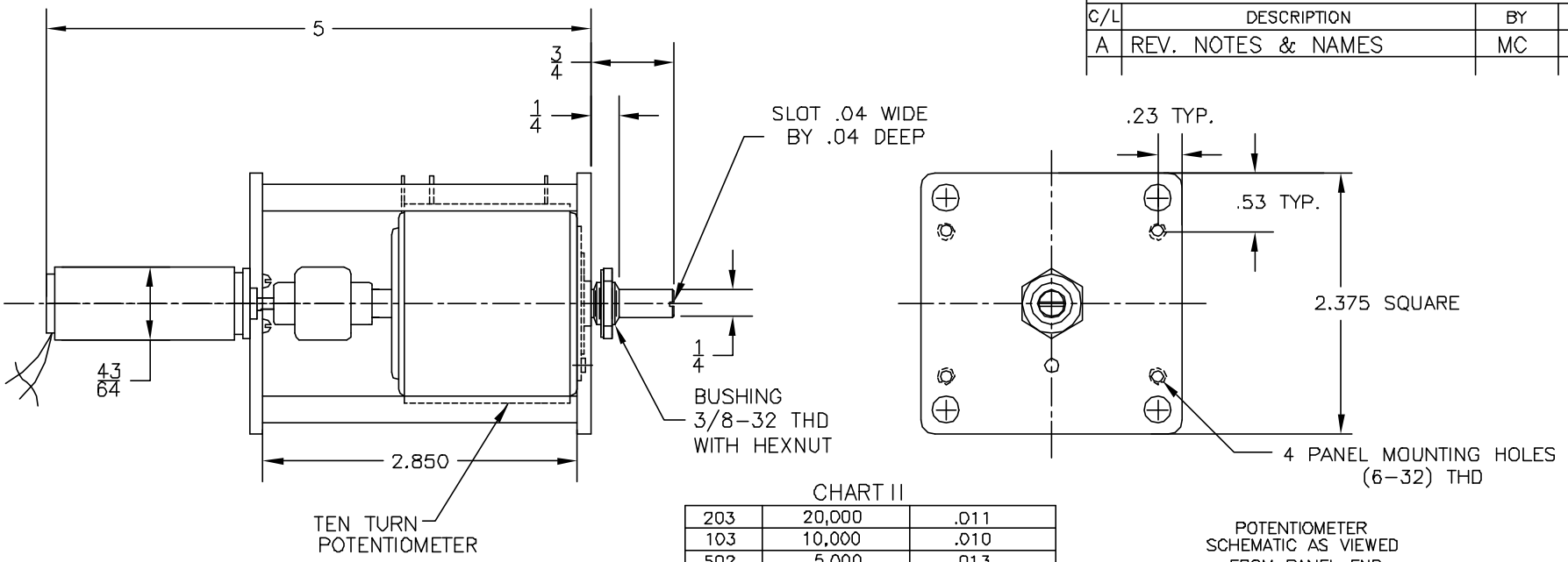
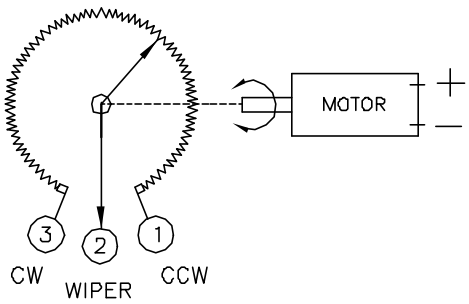


CHART II

DASH No.	RESISTANCE OHMS	RESOLUTION %
203	20,000	.011
103	10,000	.010
502	5,000	.013
102	1,000	.020

POTENTIOMETER SCHEMATIC AS VIEWED FROM PANEL END



3.2 SEALED CONSTRUCTION.
3.1 ANODIZED ALUMINUM BASE.

3. GENERAL SPECIFICATIONS.

2.9 MECHANICAL ANGLE: 3600° +4°-0°
2.8 ELECTRICAL ANGLE: 3600° +4°-0°
2.7 THEORETICAL RESOLUTION: SEE CHART II.
2.6 ROTATIONAL LIFE: 2,000,000 SHAFT REVOLUTIONS.
2.5 RESISTANCE TOLERANCE: ±3%
2.4 WATTAGE: 5 WATTS @ 40°C, 0 WATTS @ 125°C.
2.3 INDEPENDENT LINEARITY: ±0.15%.
2.2 TEN TURN POTENTIOMETER
2.1 STANDARD RESISTANCE: SEE CHART II. (OTHER VALUES ON REQUEST.)

2. POTENTIOMETER DATA.

1.5 TYPE: PERMANENT MAGNET.
1.4 BREAK AWAY VOLTAGE: 1.25 VOLTS. DC.
1.3 CURRENT: (SEE CHART I).
1.2 VOLTAGE, DC: (SEE CHART I).
1.1 SPEED: (SEE CHART I).

1. MOTOR SPECIFICATIONS.

CHART I

VOLTAGE DC	ma	RPM
12	5.0	30
10	5.0	20
5	5.0	12
3	5.0	6
1.3	5.0	2
NO LOAD		

TOLERANCES
UNLESS OTHERWISE SPECIFIED
FRACTIONS ±1/64 DECIMALS .XX ± .010 .XXX ± .005
ANGLES ±1/2°

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MAUREY INSTRUMENT CORP.
DC, MOTOR DRIVEN, POTENTIOMETER

DRAWN BY	SCALE		
AD	NONE	M3279	A
APP'D AD	DATE 2/9/00		

CAD No. M3279