



No. DASH	(OHMS) RESISTANCE
251	250
501	500
102	1,000
202	2,000
252	2,500
502	5,000
103	10,000
203	20,000
253	25,000
503	50,000

11. LIFE: 20,000,000 REV. AT 40 RPM.
10. DIELECTRIC STRENGTH: 750 VOLTS AC FOR 60 SECONDS.
9. POWER RATING: 1.0 WATT AT 85° DERATED TO ZERO AT 105°.
8. OPERATING TEMPERATURE RANGE: -55° TO +105°C.
7. TEMP. COEFFICIENT OF RESISTANCE: 500 PPM/°C.
6. TOTAL MECHANICAL TRAVEL: 360° CONTINUOUS.
5. THEORETICAL ELECTRICAL TRAVEL: 340° ±3°.
4. INDEPENDENT LINEARITY: ±0.5%.
3. THEORETICAL RESOLUTION: INFINITE.
2. TOTAL RESISTANCE: TOLERANCE: ±10%.
1. TOTAL RESISTANCE: SEE CHART (OTHER VALUES ON REQUEST).
17. GOLD PLATED TERMINALS.
16. PRECIOUS METAL CONTACTS.
15. STAINLESS STEEL BALL BEARINGS.
14. STAINLESS STEEL SHAFT.
13. OUTPUT SMOOTHNESS: 1%.
12. SHAFT ROTATIONAL TORQUE: .35 OUNCE-INCHES MAX.

J	MARTIN CORONA	β	08/09/96	TOLERANCES UNLESS OTHERWISE SPECIFIED		<b>MAUREY INSTRUMENT CORP.</b> 4555 W 60th ST. CHICAGO, ILL. 60629				
H	D.HORN	EM	8/18/81	FRACTIONS ±1/64	DECIMALS .XX ± .010					
G	DM	EM	6/30/78	ANGLES ±1/2°	.XXX ± .005	POTENTIOMETER, SERVO, CONDUCTIVE PLASTIC				
F	DM	EM	10/18/77	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		CUSTOMER:				
E	G	EM	6/11/77			X112-P19	DRAWN BY	SCALE	112-P19	J
D	DM	EM	4/13/77				R.O.L.	1:1		
C/L	BY	APP'D	DATE			PART NO.	NEXT ASSY.	APP'D	DATE	
REVISION						EM	4-4-77			