



DASH No.	RESIST. (ohms)	RESOL. (%)	LIN. (±%)
50R	50	.251	.50
101	100	.222	.50
251	250	.160	.40
501	500	.166	.40
102	1,000	.152	.40
202	2,000	.099	.20
252	2,500	.090	.20
502	5,000	.083	.20
103	10,000	.073	.15
203	20,000	.064	.15
253	25,000	.061	.15
503	50,000	.050	.10
104	100,000	.027	.10

10. DIELECTRIC STRENGTH: 1000 V RMS FOR 60 SEC.
9. WATTAGE: 3.5 WATTS AT 85°C DERATED TO ZERO AT 135°C.
8. OPERATING TEMPERATURE RANGE: -55° TO +135°C.
7. TEMPERATURE COEFFICIENT OF RESISTANCE WIRE: .000020 OHM/OHM/°C FOR VALUES OF 50 OHMS OR GREATER.
6. MECHANICAL ANGLE: 360° CONTINUOUS.
5. ELECTRICAL FUNCTION ANGLE: 352° ±1°.
4. INDEPENDENT LINEARITY: SEE CHART.
3. RESOLUTION: SEE CHART.
2. RESISTANCE TOLERANCE: ±3%.
1. RESISTANCE: SEE CHART (OTHER VALUES ON REQUEST).
19. ADD 1/2" TO LENGTH FOR EACH ADDITIONAL CUP.
18. GOLD PLATED TERMINALS.
17. PRECIOUS METAL CONTACTS.
16. STAINLESS STEEL BALL BEARINGS.
15. STAINLESS STEEL SHAFT.
14. ANODIZED ALUMINUM HOUSING.
13. SHAFT ROTATIONAL TORQUE: 0.6 OUNCE-INCH, MAX.
12. EQUIVALENT NOISE RESISTANCE: 100 OHMS, MAX.
11. LIFE: 1,000,000 REV. AT 40 RPM.

G	AD	JAH	5/10/04	TOLERANCES UNLESS OTHERWISE SPECIFIED	PRECISION SALES INC	www.precisionsales.com		143-M8	G	
F	AD	JAH	10/31/02							
E	MC	AD	5/10/00	FRACTIONS ±1/64	610-359-1002 Fax : 610-353-1674		SERVO MOUNT, WIREWOUND POTENTIOMETER		CUSTOMER:	
D	Bora Sunar	EM	4-8-93	DECIMALS .XX ± .010 .XXX ± .005						
C	ADM	EM	8-23-88	ANGLES ±1/2"	SERVO MOUNT, WIREWOUND POTENTIOMETER		CUSTOMER:		DRAWN BY R.WENDELL	
B	UC	RH	3-16-64							
C/L	BY	APP'D	DATE	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	X143-M8		SCALE 1:1		DATE 5-24-63	
REVISION				PART NO.						

CAD No. [X143-M8] REDRAWN