



4 MOUNTING HOLES (.177)DIA.
FOR NO. 8 SCREW

PART No. DESIGNATION
H2488-51-103
RESISTANCE
MOTOR
BASIC PART NUMBER

REVISIONS				
C/L	DESCRIPTION	BY	APP'D	DATE
F	REVISED SPEC FORMAT/ADDED INFO.	MC	AD	03/22/99
G	REMOVED 3-TURN POT REF.	MC	AD	04/20/99
H	REMOVED PART NUMBERS	MC	AD	5/12/00

CHART I

DASH No.	RESIST. $\Omega \pm 5\%$	RESOL. %
-501	500	0.05
-102	1,000	0.05
-502	5,000	0.03
-103	10,000	0.02
-203	20,000	0.02

CHART II

RPM	DC VOLT	ma	MOTOR 2488
16	6	10	-51
28	6	24	-52
40	12	12	-51
60	12	28	-52
72	24	16	-51
96	28	16	-51
120	24	36	-52
120	35	16	-51
124	28	40	-52
148	35	50	-52
NO LOAD			

POTENTIOMETER

- TO OBTAIN TIME FOR 0 TO 100% VOLTAGE:
DIVIDE 10 BY RPM: EXAMPLE $10 \div 40 = .25$ MINUTE.
- WATTAGE: 2 WATTS AT 25°C.
- RESOLUTION: SEE CHART I.
- INDEPENDENT LINEARITY: $\pm 0.25\%$.
- RESISTANCE: SEE CHART I.
- 10-TURN WIREWOUND POTENTIOMETER..

MOTOR

- TORQUE: 10 DUNCE-INCHES, MINIMUM, AT 6 VOLTS D.C.
- BREAKAWAY VOLTAGE: 3 VOLTS D.C.
- SPEED: SEE CHART II.
- CURRENT: SEE CHART II.
- VOLTAGE: SEE CHART II.
- LOW CURRENT GEARHEAD MOTOR.

TOLERANCES UNLESS OTHERWISE SPECIFIED		PRECISION SALES INC. www.precisionsales.com	
FRACTIONS $\pm 1/64$	DECIMALS .XX $\pm .010$.XXX $\pm .005$	P:610-359-1002 F:610-353-1674	
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PART NO.	NEXT ASSY.	DRAWN BY EVA	SCALE 1:1
		APP'D EM	DATE 10/13/89
		H2488	
		H	