

SPECIFICATIONS		REV.	BY	DATE	PART NO. MOH20B	
ELECTRICAL		B	AT	7-30-03	ROT. TORQUE WAS 0.7 IN.OZ	
RESISTANCE RANGE -----	SEE BELOW					
RESISTANCE TOLERANCE -----	±10%					
LINEARITY(INDEPENDENT) -----	3&5 TURN(±.35%) 10 TURN(±.25%)					
RESOLUTION -----	ESSENTIALLY INFINITE					
END RESISTANCE -----	1 OHM OR .1%					
TRAVEL -----	SEE TABLE					
OUTPUT SMOOTHNESS -----	.05%(3&5TURN).015%(10TURN)					
POWER RATING -----	SEE TABLE					
INSULATION RESISTANCE -----	100 MEGOHMS MIN. AT 1000VDC					
DIELECTRIC STRENGTH -----	1000 VAC AT SEA LEVEL					
CONTACT VARIATION -----	<5%(3&5TURN) <3%(10TURN) CRV					
MECHANICAL						
NUMBER OF TURNS -----	SEE TABLE					
TRAVEL -----	SEE TABLE					
TORQUE,ROTATIONAL -----	2.8 IN.OZ. MAX.					
LIFE,ROTATIONAL -----	SEE TABLE					
STOP STRENGTH -----	127 IN.OZ.					
RADIAL PLAY -----	.002 TIR					
END PLAY -----	.005					
ENVIRONMENTAL						
OPERATING TEMPERATURE -----	-30°C TO +60°C					
TEMPERATURE COEFFICIENT -----	±100 PPM/°C					
VIBRATION -----	10HZ TO 2000HZ 15G					
SHOCK -----	50G 11MS					
MOISTURE RESISTANCE -----	40°C 95%RH 120 HOURS					
MATERIALS						
HOUSING -----	METAL					
SHAFT -----	STAINLESS STEEL					
BUSHING -----	PLATED BRASS					
TERMINALS -----	GLASS HEADERS					
RESISTANCE ELEMENT -----	HYBRID					
OPTIONS						
SERVO MOUNTING						
SPECIAL RESISTANCES AND LINEARITIES						
MODIFIED SHAFTS						
EXTRA TAPS						
HIGH TORQUE						
STANDARD = 3 TURN, 1K,5K,10K,20K						
RESISTANCE RANGE 5 TURN, 1K,5K,10K,20K,50K						
RESISTANCE RANGE 10 TURN, 2K,5K,10K,20K,50K,100K						
SCHEMATIC						
TABLED SPECIFICATIONS						
DASH NO.	NO.OF TURNS	MECHANICAL ANGLE+10°-0°	ELECTRICAL ANGLE ±5°	POWER RATING	ROTATIONAL LIFE	
-3	3	1080°	1080°	0.7 WATT	5,000,000	
-5	5	1800°	1800°	1.0 WATT	5,000,000	
-10	10	3600°	3600°	2.0 WATT	10,000,000	
HYBRID RESISTANCE ELEMENT		SCALE	NONE			
		DATE:	11-21-91			
		BY	PD			
TOLERANCES		APPRV'D	BT			
XX = +/- .010" FRACT. = +/- 1/64"						
XXX= +/- .005" ANGLES = +/- 1/2°						
ALL SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.						
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<p>TITLE OIL-FILLED POTENTIOMETER</p>		<p>CARLSBAD CALIFORNIA</p>				
<p>PART NO. MOH20B</p>		<p>PART NO. MOH20B</p>				