

REF. NO:		REVISION														
C.O.N	SYM	DESCRIPTION	DATE	DRAWN	APPR'D											
<b>GENERAL:</b> MODEL LP-10FB IS A 10 mm STROKE CONDUCTIVE PLASTIC, LINEAR MOTION POTENTIOMETER, WITH A RETURN SPRING. ITS CO-MOLDED ELEMENT, UNIQUE DESIGN AND PRECISION CONSTRUCTION ALLOW THE UNIT TO FEATURE SUPERB OUTPUT SMOOTHNESS AND LONG OPERATING LIFE.																
<b>ELECTRICAL SPECIFICATIONS:</b> ELECTRICAL STROKE: 10 mm (F.S.) TOTAL RESISTANCE: 0.1, 0.2, 0.5, 1, 2 KOHMS TOTAL RESIS. TOLERANCE: ±20% LINEARITY (INDEPENDENT): ±1% REPEATABILITY: 0.03% POWER RATING: 0.3 WATTS @70°C INSULATION RESISTANCE: 500 meg OHMS MIN. @ 500 Vdc DIELECTRIC STRENGTH: 500 Vrms,50/60Hz,for 1 MINUTE RESISTANCE TEMP. COEFFECIENT: 400 ppm/°C																
<b>MECHANICAL STROKE:</b> MECHANICAL STROKE: 12 mm FRICTION (SPRING FORCE): 120 gf WEIGHT: APPROX. 60 g																
<b>ENVIRONMENTAL SPECIFICATIONS:</b> OPERATING TEMPERATURE: -40°C to +100°C VIBRATION: 10 Gs, 500 Hz SHOCK: 50 Gs, 11 mS LIFE: 5 MILLION CYCLES MIN.		<b>FIGURE 1 OUTLINE DIMENSIONS</b>  <b>FIGURE 2 SCHEMATIC</b>														
<b>MOUNTING HOLES: REFER TO FIGURE 1</b> STANDARD HOLE LOCATION IS ON THE SURFACE "A". OPTIONAL MOUNTING HOLE LOCATION IS AVAILABLE ON SURFACES, "B", "C" and "D", AS SHOWN.		<table border="1"> <tr> <td rowspan="4">           UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN mm(in).             TOLERANCES:            ANGLES: ±1.5°            ≤10 mm: ±0.25            &lt;100 mm: ±0.5            ≥100 mm: ±1         </td> <td>           DRAWN            T.TSUGAWA            DATE            12/18/94         </td> <td rowspan="4"> <b>SPECIFICATION DWG</b>            FOR  <b>MODEL LP-10FB</b>  <b>LINEAR MOTION POT.</b>  <b>( WITH RETURN SPRING )</b> </td> <td rowspan="4"> <b>A-MAC-B57</b> </td> </tr> <tr> <td>           CHECKED            DATE         </td> </tr> <tr> <td>           APPROVED            DATE         </td> </tr> <tr> <td>           APPROVED            DATE         </td> </tr> <tr> <td>           SCALE:         </td> <td>           FILE: LP-10FB         </td> <td>           1 OF 1         </td> </tr> </table>					UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN mm(in).  TOLERANCES: ANGLES: ±1.5° ≤10 mm: ±0.25 <100 mm: ±0.5 ≥100 mm: ±1	DRAWN T.TSUGAWA DATE 12/18/94	<b>SPECIFICATION DWG</b> FOR <b>MODEL LP-10FB</b> <b>LINEAR MOTION POT.</b> <b>( WITH RETURN SPRING )</b>	<b>A-MAC-B57</b>	CHECKED DATE	APPROVED DATE	APPROVED DATE	SCALE:	FILE: LP-10FB	1 OF 1
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