

NOTES:

1. POTENTIOMETER SWITCH ASSEMBLY
- 1.1. SWITCH ACTUATION FORCE: 14 OUNCES ± 3 OUNCES.
- 1.2. TRAVEL: 0.020 NOMINAL.
- 1.3. WEIGHT: 0.27 OUNCES MAXIMUM.
- 1.4. SWITCH LIFE: 500,000 CYCLES.
- 1.5. SWITCH ACTION: SNAP FEEL MOMENTARY.
- 1.6. STORAGE TEMPERATURE: -55°C TO +100°C.
- 1.7. OPERATING TEMPERATURE: -45°C TO +100°C.
- 1.8. CASE: PLASTIC, 94V0 FIRE RESISTANT.
- 1.9. TERMINALS: BRASS OR PHOSPHOR BRONZE, TIN OR SOLDER PLATED.
- 1.10. TACTILE DOME SWITCH SPECIFICATION: SNAPTRON F10450.
- 1.10.1. CONTACT CONFIGURATION: SPST, N.O.
- 1.10.2. SWITCHING VOLTAGE: 0.1 TO 50VDC
- 1.10.3. SWITCHING CAPACITY: 1 WATT
- 1.10.4. SWITCHING CURRENT: 0.005 TO 100 mA DC
2. POTENTIOMETER
- 2.1. VISHAY ELECTRONICS (STATESVILLE, NC) P/N P11T100000Y00T0103.
- 2.2. SHAFT SEAL IS REQUIRED.
- 2.3. RESISTANCE: 10K ± 10%.
- 2.4. ELEMENT: CERMET.
- 2.5. TORQUE: 0.9 ± 0.6 IN.-OZ. 1.1 IN.-OZ. NOMINAL.
- 2.6. TAPER: LINEAR, S, RIGHT HAND.
- 2.7. POWER: 0.5W @ 70°C.
- 2.8. DYNAMIC NOISE: 1.5% OF TOTAL RESISTANCE.
- 2.9. MECHANICAL ROTATION: 295° ± 5°.
- 2.10. ELECTRICAL ROTATION: 295° ± 5°.
- 2.11. EFFECTIVE ROTATION: 265° ± 5°.
- 2.12. VOLTAGE: 350VDC (WORKING).
- 2.13. RESISTANCE CHANGE WITH TEMPERATURE: ±5%.
- 2.14. DMV: 750 VAC @ SEA LEVEL, 1 MINUTE.
- 2.15. BUSHING: NICKEL PLATED BRASS.
- 2.16. SHAFT KNURL: TO BE FINE /33 PITCH STRAIGHT LINE, OD 0.129 ± 0.001, 0.26 WIDE.
- 2.17. RATED LIFE 50,000 CYCLES.

SEE PAGE 1 FOR REVISIONS.

LT	REVISIONS	DATE	DIM. IN INCHES		TOL. .XXX±	N/A	FILE	DATE	PAGE	SW44585
			FSCM: 07150	SCALE	N/A	DRAWN	TT	CHK'D	APVD	
			ELECTRO-MECH COMPONENTS INC. SO. EL MONTE, CA * (626) 442-7180				TACTILE PUSHBUTTON SWITCH WITH POTENTIOMETER			