

Subject : FW: Microstim Case II Comments - reply
Date : Thu, 14 Apr 2005 10:19:00 +0100
Linked to : Samuel Sham
From : SamuelSham@automatic.com.hk (By way of helen.lamb@viamed.co.uk)
To : PETER (Peter Anderson) <GoldMine User>
Cc : SNIXON (Steve Nixon) <GoldMine User>; JSLAMB (John Lamb) <GoldMine User>

Dear Peter,

Please find below our reply.

Also we will submit a functional sample with the pervious housing to Viamed for evaluation.

The functional sample would include new jack and it will be available around 3~4 weeks later.

If any question, please let us know.

Thanks & Best Regards,
Samuel Sham

HTI REPLY :

1. It can be have 2 options: (1) add 1 screw in the label recess area (3 screws.jpg), and (2) add 2 screws at asymmetrical position (4 screws.jpg). Please check per the attached and confirm.
2. There are several latches at the front end to locate Top and Bottom plastic housings together firmly. So no come apart should be occurred.
3. We expect "pot" means "potentiometer" which will be secured by tight fit into the small housing. The housing manufactured in large size only for rapid prototyping, not the final one. Then it will be soldering onto a small board which then secured onto 2 screw bosses by screws. Please check per the attached. (knob.jpg, small pcb.jpg)
4. There are 4 stand-offs for mounting the PCB, not just 2 or 3, and with ribs for reinforcement by the way. Usually screws assembly do not expect to insert/ extract many times in manufacturing field, just about one to two times should be accepted. Transit and drop test will be implemented to check reliability characteristic.
5. Please note below procedure:
 - a. to place the pot, the buzzer, and the 2 switches onto the top case.
 - b. secure the connector onto the top case by screws.
 - c. to solder wires of buzzer, connector wires of pot PCB, lead of switches, and LED to the board.
 - d. secure main PCB onto the top housing by 4 screws.
6. OK to re-design has a battery compartment floor for your purpose.

7. A plastic Knob Base was welded with Knob together and sits on the shaft of pot. Two round ribs from Top and Bottom case will locate the pot' thread neck area firmly. (knob.jpg)
8. It should be the same as your previous version. However, the tip of LED should be lower than the lunar ring surface to avoid damage.
9. Yes
10. Not sure the question. But several spring latches around the compartment could reduce moving displacement and deterioration.
11. OK
12. How to put the battery in wrong way round?
13. You may check once molding out the plastic parts in engineering sample stage.
14. It should be the same as before: remove solder from the switches lead.
15. The output lead connector is to be secured into the case by 2 screws, and to be connected to the board with 2 wires black and red.
16. Yes, it should be.
17. We expect the Camera Mount means the Insert molding metal thread, so it should be secure.