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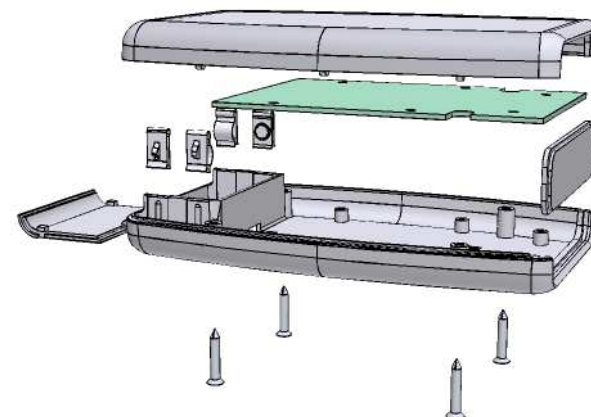
Technical drawing of the front panel of a rectangular box. The drawing shows the panel with a central rectangular inlay. Dimensions are provided in millimeters (mm) and inches (in) in brackets. The overall width is 89.00 mm [3.504]. The overall height is 147.24 mm [5.797]. The inlay width is 69.68 mm [2.743]. The inlay length is 130.68 mm [5.145]. The front inlay width is 58.93 mm [2.320]. The label 'Front Panel' points to the left side of the panel. Two arrows labeled 'A' point to the top and bottom edges of the panel.

| Measurement       | Value (mm) | Value (in) |
|-------------------|------------|------------|
| Overall Width     | 89.00      | [3.504]    |
| Overall Height    | 147.24     | [5.797]    |
| Inlay Width       | 69.68      | [2.743]    |
| Inlay Length      | 130.68     | [5.145]    |
| Front Inlay Width | 58.93      | [2.320]    |

Technical drawing of the PCB Boss assembly, showing a cross-section and a detail view.

**Dimensions and Labels:**

- 19.50 [7.68] (Inner Box Height)
- Top Cover
- (P.C. Board)
- Ø 6.00 [.236] (Top and Bottom Assem Boss Ø)
- Bottom Cover
- Detail View of PCB Boss (Located on Top and Bottom Cover)**
- 4.50 [.177]
- Ø 5.00 [.197]



**End View of Assembly**

Bottom Cover

Front Panel

B

.50  
[.020]  
(Inlay Depth)

25.00  
[.984]

.46  
[.018]  
(PCB dist from end panel)

88.97  
[3.503]

**SECTION B-B**  
(Inside of Bottom Cover)

Diagram illustrating the internal dimensions of the bottom cover for the P.C. Board alignment. The diagram shows the P.C. Board (Not Supplied) positioned within the cover, aligned with the PCB bosses.

Key dimensions and labels:

- Top Left:** .46 (PCB dist from end panel)
- Top Center:** SECTION B-B (Inside of Bottom Cover)
- Left Side:** 88.97 [3.503] (Total height), .46 (PCB dist from end panel)
- Right Side:** 68.93 [2.714] (Inner Box Width at End), 80.98 [3.188] (Inner Box Width at Center)
- Bottom:** 140.24 [5.521] (Inner Box Length)
- Internal Dimensions:** 3.66 [1.44] (PCB dist from inner wall), 59.95 [2.360]
- Labels:** P.C. Board (Not Supplied), P.C. Board Aligned on PCB Bosses

| NOTE                                                                                                                                      |
|-------------------------------------------------------------------------------------------------------------------------------------------|
| Enclosure molded from GP ABS (UL94-HB) plastic.                                                                                           |
| Purchased assembly includes top and bottom cover, front plastic panel, battery door, battery spring clips, 9V adapter and 4 cover screws. |

| 1553D Enclosure                                                       |                                            |
|-----------------------------------------------------------------------|--------------------------------------------|
| Black Enclosure/Grey Over-mold                                        | 1553DBKBAT                                 |
| Grey Enclosure/Grey Over-mold                                         | 1553DGYBAT                                 |
| ACCESSORIES                                                           |                                            |
| Cover Screws (Pkg 100)<br>[#4 x 5/8" self-tapping oval head (15.9mm)] | 1593MS100 (Silver)<br>1593MS100BK (Black)  |
| P.C. Board Screws<br>[#4 x 1/4" self-tapping (6.4mm)]                 | 1593ATSS0 (Pkg 50)<br>1593ATS100 (Pkg 100) |
| Belt or Pocket Clip                                                   | 1599CLIP (Black)<br>1599CLIPGY (Grey)      |

