



PART NO.

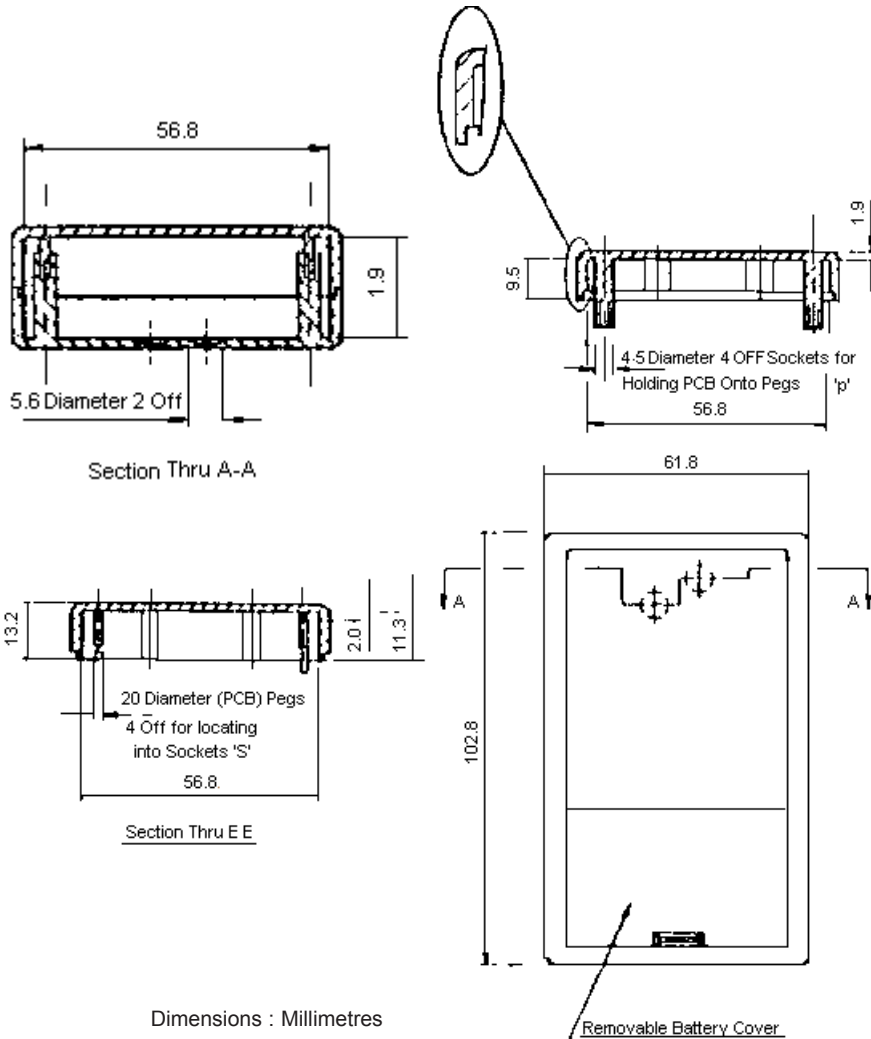
BC2 Series

REVISIONS

| ECN # | REV | DESCRIPTION | DRAWN | DATE    | CHECKD | DATE    | APPRVD | DATE    |
|-------|-----|-------------|-------|---------|--------|---------|--------|---------|
| -     | A   | RELEASED    | Veena | 31/5/05 | Shashi | 31/5/05 | NK     | 14/6/05 |

Features:

- Hand Held Case with Battery Compartment and Battery Clip/Pocket Clip Option.
- Moulded in high-impact Black, White or Grey ABS with integral PP3 battery - compartment accessible by a separate removable cover.
- Clip-in battery terminals are supplied as standard.
- Textured finish.
- No visible fixing screws for excellent final product appearance.
- The pocket clip, if required, can be easily fixed to the case by the two self-tapping screws supplied.
- The two main halves of the case are held together by the two self-tapping screws which are concealed by the battery cover.
- Four integral location pegs and sockets will hold a PCB in place without any further fixing.
- The overall finish of the case is matt with highlighted feature panels making it ideal for personalised products.



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| DRAWN BY:    | DATE:    |
| Veena        | 31/05/05 |
| CHECKED BY:  | DATE:    |
| Shashi       | 31/05/05 |
| APPROVED BY: | DATE:    |
| NK           | 14/06/05 |

DRAWING TITLE:

BC2 Series - Miniature, Case

|            |             |                 |     |
|------------|-------------|-----------------|-----|
| SIZE       | DWG NO.     | ELECTRONIC FILE | REV |
| A          | M1000000138 | 23408_DWG       |     |
| SCALE: NTS | U.O.M.: mm  | SHEET: 1 OF 4   |     |



PART NO.

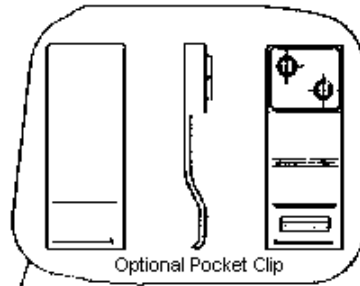
BC2 Series

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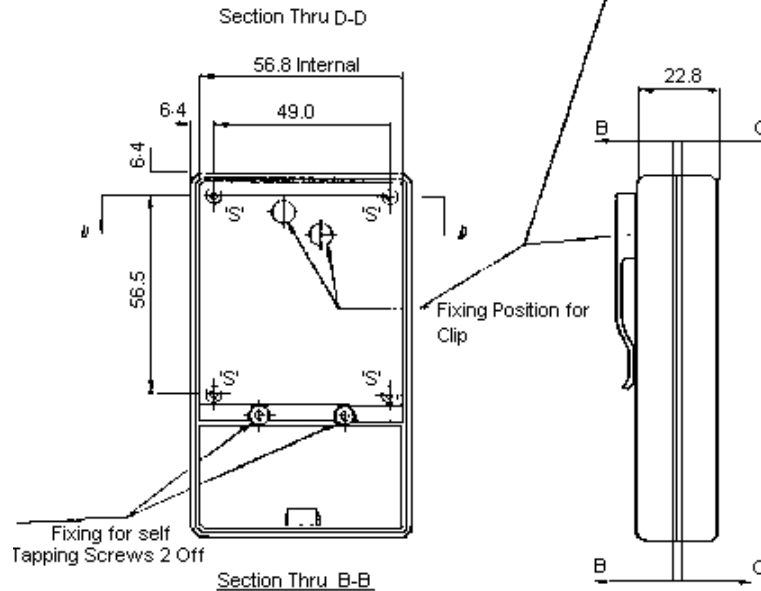
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**ABS Polymers Specification  
Acrylonitrile-Butadiene-Styrene**

| Properties  | Test Method               | Unit              | Impact Resistant Grades |
|---|---------------------------|-------------------|-------------------------|
|   |                           |                   | 103                     |
| Izod Impact Strength +23°C<br>-20°C                   | ISO 180/3A<br>ASTM D256/A | kJ/m <sup>2</sup> | 17<br>11                |
| Tensile Strength at Yield                             | ISO R527<br>ASTM D638     | N/mm <sup>2</sup> | 50                      |
| Elongation at Yield                                   | ISO R527<br>ASTM D638     | %                 | 6                       |
| Flexural Strength                                     | ISO 178<br>ASTM D790      | N/mm <sup>2</sup> | 87                      |
| Rockwell Hardness                                     | ISO 2039/2<br>ASTM D785   | R scale           | 112                     |
| Heat Deflection Temperature<br>Unannealed<br>Annealed | ISO 75/A<br>ASTM D648     | °C                | 90<br>97                |
| Vicat Softening Temperature                           | ISO 306/B<br>ASTM D1525   | °C                | 97                      |
| Density   | ISO R1183<br>ASTM D792/A  | kg/m <sup>3</sup> | 1,050                   |
| Melt Flow Index                                       | ISO 1133<br>ASTM D1238    | dg/min            | 13                      |



Optional Pocket Clip



Dimensions : Millimetres

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| <b>SCALE: NTS</b> | <b>U.O.M.: mm</b>             | <b>SHEET: 2 OF 4</b>                |            |

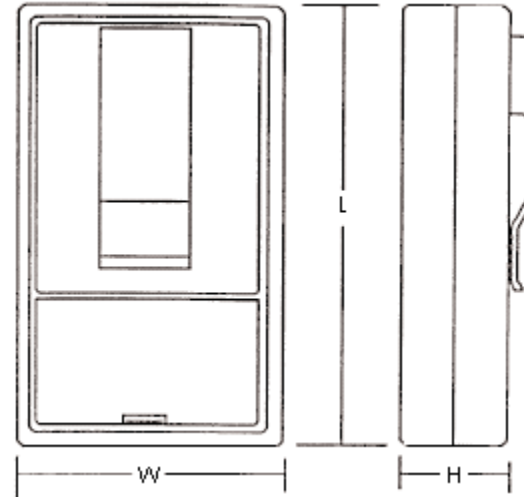
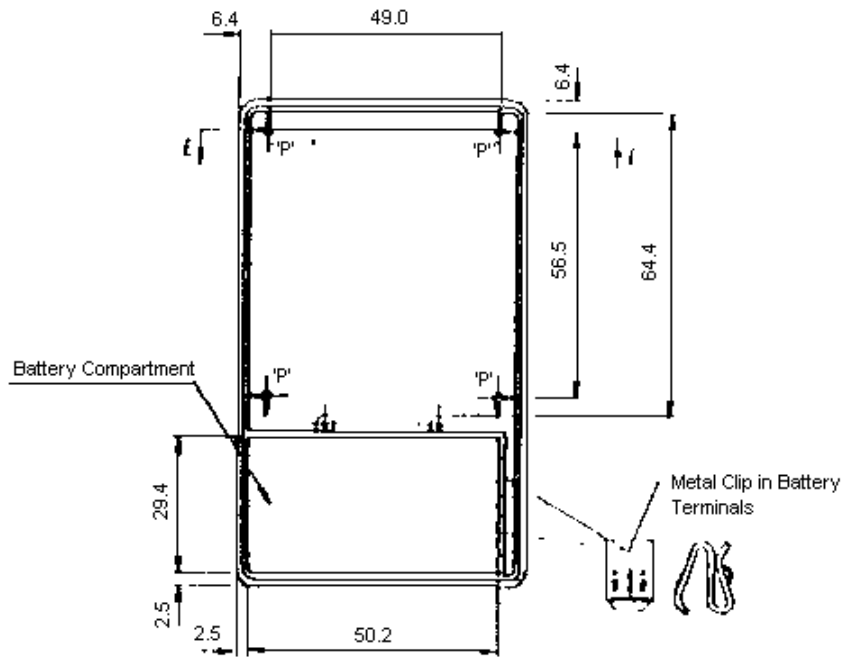


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Section Thru C C

Dimensions : Millimetres

Part Number Table

| Colour         | External Dimensions |           |            |                  | Part Number |
|----------------|---------------------|-----------|------------|------------------|-------------|
|                | Length (L)          | Width (W) | Height (H) | Maximum PCB Size |             |
| Black          | 103                 | 62        | 23         | 64 x 56          | BC2         |
| Grey (RAL9002) |                     |           |            |                  | BC2LG       |
| White          |                     |           |            |                  | BC2W        |

Dimensions : Millimetres

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**BC2 Series - Miniature, Case**

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| <b>SCALE: NTS</b> |                               | <b>U.O.M.: mm</b>                   | <b>SHEET: 3 OF 4</b> |



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BC2 Series

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