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## ABS Plastic Project Enclosures *RL Series*

### Shallow Lid

#### Key Features:

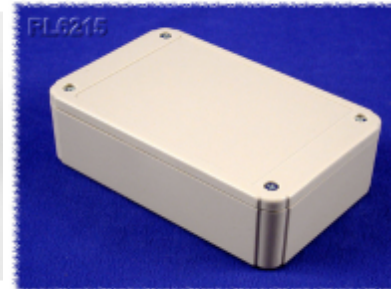
- Designed to house P.C. boards for hand-held use or wall mount.
- Molded in light grey or black general purpose ABS plastic with a light texture.
- Two part construction. Both halves include smooth recessed area for membrane, label or silkscreen (see chart below for recess size).
- P.C. board standoffs are molded into both halves of the enclosure (see photo tables for details).
- Designed to meet IP54.
- All sizes also available in a flanged lid version.
- Includes four M2.6 assembly screws.



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Enclosure  
Modification  
Services



#### Photos:



Available in black or gray, and with or without mounting flanges. Includes lid and PC board screws.

#### Enclosures (No Wall Mounting Flanges)

| Black Enclosure | Gray Enclosure | Length | Width | Depth (with lid) | Lid Recess Size | Bottom Recess Size | PCB Mounting Dim |
|-----------------|----------------|--------|-------|------------------|-----------------|--------------------|------------------|
| RL6105BK        | RL6105         | 3.15   | 2.36  | 1.18             | 2.13 x 2.05     | 2.13 x 2.05        | 2.52 x 1.18      |
| RL6115BK        | RL6115         | 3.15   | 2.36  | 1.57             | 2.13 x 2.05     | 2.13 x 2.05        | 2.52 x 1.18      |
| RL6165BK        | RL6165         | 4.13   | 2.56  | 1.18             | 3.11 x 2.24     | 3.11 x 2.24        | 3.5 x 1.38       |
| RL6175BK        | RL6175         | 4.13   | 2.56  | 1.57             | 3.11 x 2.24     | 3.11 x 2.24        | 3.5 x 1.38       |
| RL6205BK        | RL6205         | 4.92   | 3.15  | 0.98             | 3.78 x 2.76     | 3.78 x 2.76        | 4.21 x 1.57      |
| RL6215BK        | RL6215         | 4.92   | 3.15  | 1.38             | 3.78 x 2.76     | 3.78 x 2.76        | 4.21 x 1.57      |
| RL6225BK        | RL6225         | 4.92   | 3.15  | 1.97             | 3.78 x 2.76     | 3.78 x 2.76        | 4.21 x 1.57      |
| RL6335BK        | RL6335         | 4.92   | 3.94  | 2.36             | 3.78 x 3.46     | 3.78 x 3.46        | 4.17 x 2.56      |
| RL6365BK        | RL6365         | 4.92   | 3.94  | 3.54             | 3.78 x 3.46     | 3.78 x 3.46        | 4.17 x 2.56      |
| RL6435BK        | RL6435         | 5.91   | 3.94  | 2.36             | 4.72 x 3.54     | 4.72 x 3.54        | 5.20 x 2.36      |
| RL6465BK        | RL6465         | 5.91   | 3.94  | 3.54             | 4.72 x 3.54     | 4.72 x 3.54        | 5.20 x 2.36      |
| RL6555BK        | RL6555         | 6.89   | 4.92  | 2.76             | 5.59 x 4.53     | 5.59 x 4.53        | 6.06 x 2.76      |
| RL6585BK        | RL6585         | 6.89   | 4.92  | 3.94             | 5.59 x 4.53     | 5.59 x 4.41        | 6.06 x 2.76      |
| RL6655BK        | RL6655         | 7.87   | 5.91  | 2.76             | 6.50 x 5.31     | 6.50 x 5.31        | 7.01 x 3.94      |

| Black Enclosure | Gray Enclosure | Length | Width | Depth (with lid) | Lid Recess Size | Bottom Recess Size | PCB Mounting Dim |
|-----------------|----------------|--------|-------|------------------|-----------------|--------------------|------------------|
| RL6685BK        | RL6685         | 7.87   | 5.91  | 3.94             | 6.50 x 5.31     | 6.50 x 5.31        | 7.01 x 3.94      |

### Enclosures with Wall Mounting Flanges

| Black Enclosure | Gray Enclosure | Length | Width | Depth (with lid) | Lid Recess Size | Bottom Recess Size | PCB Mounting Dim |
|-----------------|----------------|--------|-------|------------------|-----------------|--------------------|------------------|
| RL6105-FBK      | RL6105-F       | 3.15   | 2.36  | 1.18             | 2.13 x 2.05     | 2.13 x 2.05        | 2.52 x 1.18      |
| RL6115-FBK      | RL6115-F       | 3.15   | 2.36  | 1.57             | 2.13 x 2.05     | 2.13 x 2.05        | 2.52 x 1.18      |
| RL6165-FBK      | RL6165-F       | 4.13   | 2.56  | 1.18             | 3.11 x 2.24     | 3.11 x 2.24        | 3.5 x 1.38       |
| RL6175-FBK      | RL6175-F       | 4.13   | 2.56  | 1.57             | 3.11 x 2.24     | 3.11 x 2.24        | 3.5 x 1.38       |
| RL6205-FBK      | RL6205-F       | 4.92   | 3.15  | 0.98             | 3.78 x 2.76     | 3.78 x 2.76        | 4.21 x 1.57      |
| RL6215-FBK      | RL6215-F       | 4.92   | 3.15  | 1.38             | 3.78 x 2.76     | 3.78 x 2.76        | 4.21 x 1.57      |
| RL6225-FBK      | RL6225-F       | 4.92   | 3.15  | 1.97             | 3.78 x 2.76     | 3.78 x 2.76        | 4.21 x 1.57      |
| RL6335-FBK      | RL6335-F       | 4.92   | 3.94  | 2.36             | 3.78 x 3.46     | 3.78 x 3.46        | 4.17 x 2.56      |
| RL6365-FBK      | RL6365-F       | 4.92   | 3.94  | 3.54             | 3.78 x 3.46     | 3.78 x 3.46        | 4.17 x 2.56      |
| RL6435-FBK      | RL6435-F       | 5.91   | 3.94  | 2.36             | 4.72 x 3.54     | 4.72 x 3.54        | 5.20 x 2.36      |
| RL6465-FBK      | RL6465-F       | 5.91   | 3.94  | 3.54             | 4.72 x 3.54     | 4.72 x 3.54        | 5.20 x 2.36      |
| RL6555-FBK      | RL6555-F       | 6.89   | 4.92  | 2.76             | 5.59 x 4.53     | 5.59 x 4.53        | 6.06 x 2.76      |
| RL6585-FBK      | RL6585-F       | 6.89   | 4.92  | 3.94             | 5.59 x 4.53     | 5.59 x 4.41        | 6.06 x 2.76      |
| RL6655-FBK      | RL6655-F       | 7.87   | 5.91  | 2.76             | 6.50 x 5.31     | 6.50 x 5.31        | 7.01 x 3.94      |
| RL6685-FBK      | RL6685-F       | 7.87   | 5.91  | 3.94             | 6.50 x 5.31     | 6.50 x 5.31        | 7.01 x 3.94      |

*Data subject to change without notice*

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