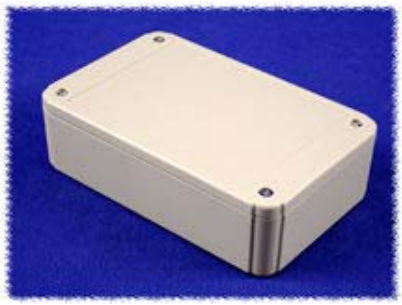
HAMMOND MANUFACTURING™

# *RITEC* - Project ABS Plastic Enclosures (RL Series) - Shallow Lid





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**(Assembled View)**




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**(Open View)**



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**(Assembled View)**
**Flanged Lid**

## *Key Features:*

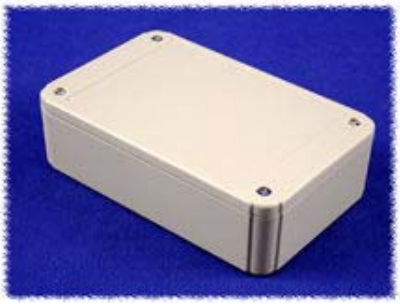
- Designed to house P.C. boards - for hand-held use or wall mount.
- Molded in light grey - general purpose ABS plastic with a light texture.
- Two part construction. Both halves include smooth recessed area for membrane, label or silkscreen (see chart below for recess size).
- P.C. board standoffs are 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 - M3 assembly screws.

| Part Number | Part Number (With Flanged Lid) | Note: Drawings are for regular lid (non-flanged) | | | Units | Length | Width | Enclosure Depth (With Lid) | Lid Recess Size | Bottom Recess Size | P.C.B. Mounting Dimensions | Wall Mount Dim. (Flanged Lid) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Reader File | Auto CAD .dwg File (zipped) | 3D Solid Model .igs&.stp files (zipped) | | | | | | | | |
| RL6105 | RL6105-F | 335K | 229K | 258K | Inches | 3.15 | 2.36 | 1.18 | 2.13 x 2.05 | 2.13 x 2.05 | 2.52 x 1.18 | 3.62 |
| | | | | | mm | 80 | 60 | 30 | 54 x 52 | 54 x 52 | 64 x 30 | 92 |
| RL6115 | RL6115-F | 339K | 229K | 256K | Inches | 3.15 | 2.36 | 1.57 | 2.13 x 2.05 | 2.13 x 2.05 | 2.52 x 1.18 | 3.62 |
| | | | | | mm | 80 | 60 | 40 | 54 x 52 | 54 x 52 | 64 x 30 | 92 |
| RL6215 | RL6215-F | 316K | 224K | 329K | Inches | 4.92 | 3.15 | 1.38 | 3.78 x 2.76 | 3.78 x 2.76 | 4.21 x 1.57 | 5.39 |
| | | | | | mm | 125 | 80 | 35 | 96 x 70 | 96 x 70 | 107 x 40 | 137 |
| | | | | | Inches | 4.92 | 3.15 | 1.97 | 3.78 x 2.76 | 3.78 x 2.76 | 4.21 x 1.57 | 5.39 |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RL6225 | RL6225-F | 247K | 223K | 328K | mm | 125 | 80 | 50 | 96 x 70 | 96 x 70 | 107 x 40 | 137 |
| RL6335 | RL6335-F | 320K | 232K | 341K | Inches | 4.92 | 3.94 | 2.36 | 3.78 x 3.46 | 3.78 x 3.46 | 4.17 x 2.56 | 5.39 |
| | | | | | mm | 125 | 100 | 60 | 96 x 88 | 96 x 88 | 106 x 65 | 137 |
| RL6365 | RL6365-F | 275K | 290K | 373K | Inches | 4.92 | 3.94 | 3.54 | 3.78 x 3.46 | 3.78 x 3.46 | 4.17 x 2.56 | 5.39 |
| | | | | | mm | 125 | 100 | 90 | 96 x 88 | 96 x 88 | 106 x 65 | 137 |
| RL6435 | RL6435-F | 304K | 242K | 306K | Inches | 5.91 | 3.94 | 2.36 | 4.72 x 3.54 | 4.72 x 3.54 | 5.20 x 2.36 | 6.38 |
| | | | | | mm | 150 | 100 | 60 | 120 x 90 | 120 x 90 | 132 x 60 | 162 |
| RL6465 | RL6465-F | 315K | 254K | 323K | Inches | 5.91 | 3.94 | 3.54 | 4.72 x 3.54 | 4.72 x 3.54 | 5.20 x 2.36 | 6.38 |
| | | | | | mm | 150 | 100 | 90 | 120 x 90 | 120 x 90 | 132 x 60 | 162 |
| RL6555 | RL6555-F | 313K | 254K | 328K | Inches | 6.89 | 4.92 | 2.76 | 5.59 x 4.53 | 5.59 x 4.53 | 6.06 x 2.76 | 7.36 |
| | | | | | mm | 175 | 125 | 70 | 142 x 115 | 140 x 112 | 154 x 70 | 187 |
| RL6585 | RL6585-F | 315K | 256K | 335K | Inches | 6.89 | 4.92 | 3.94 | 5.59 x 4.53 | 5.59 x 4.41 | 6.06 x 2.76 | 7.36 |
| | | | | | mm | 175 | 125 | 100 | 142 x 115 | 140 x 112 | 154 x 70 | 187 |
| RL6655 | RL6655-F | 427K | 252K | 346K | Inches | 7.87 | 5.91 | 2.76 | 6.50 x 5.31 | 6.50 x 5.31 | 7.01 x 3.94 | 6.50 |
| | | | | | mm | 200 | 150 | 70 | 165 x 135 | 165 x 135 | 178 x 100 | 216 |
| RL6685 | RL6685-F | 315K | 276K | 350K | Inches | 7.87 | 5.91 | 3.94 | 6.50 x 5.31 | 6.50 x 5.31 | 7.01 x 3.94 | 6.50 |
| | | | | | mm | 200 | 150 | 100 | 165 x 135 | 165 x 135 | 178 x 100 | 216 |

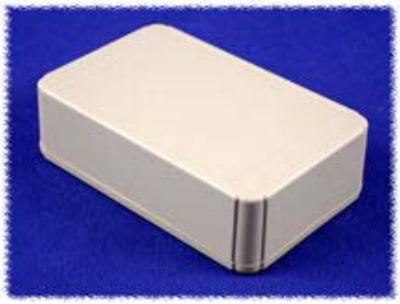
Link here to **photo tables** of each part number.

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(click to enlarge)

**Assembled View (Top)**



(click to enlarge)

**Assembled View (Bottom)**



(click to enlarge)

**Open View**

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