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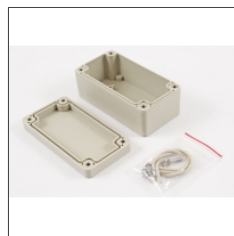
# Water-Tight ABS & Polycarbonate Enclosures *RP Series*

## Clear Lid Options

### Key Features



- Ideally suited for mounting printed circuit boards or components.
- Choice of two materials:
  - General purpose ABS with a flame rating of UL94-HB
  - Polycarbonate with a flame rating of UL94-V2
- Gasketed lid with two piece "tongue & groove" construction provides protection against access of oil, dust, and water.
- For version with bottom flange, see **RPBF Series**.
- Rubber gasket is included and must be field installed.
- Lid includes smooth recessed area for membrane, label or silkscreen.
- Designed to meet IP 65.
- Lid is secured with self captivating M3.5 stainless steel machine screws (included), threaded into corrosion resistant bushings (for repetitive assembly & disassembly).
- Lid screws are self captivating (lid holes are threaded with the first installation of lid screws).
- Internal features are maximized for mounting options:
  - Internal DIN rail mounting tabs
  - PC board mounting posts
  - Options vary with size, please refer to drawings by clicking on the part numbers below.
- Extra self-tapping M3.5-0.6 x 10mm lid screws: **SC619-50**
- Extra self-tapping M3 x 6mm PC Board screws: **SC622-50**



Opaque Lid (ABS version shown)



Clear Lid (polycarbonate version shown)



Some models supplied with styled lid.



Some models supplied with deep lids.



Hardware includes lid screws, PC board screws, and gasket



Features corrosion resistant inserts for lid assembly



Internal mounting points for PC boards or panels



Internal DIN rail mounting point.

**RP Series (No Flange)**

| Light Gray ABS Plastic<br>(Opaque Lid) | Light Gray ABS Plastic<br>(Clear Lid) | Off-White Polycarbonate<br>(Opaque Lid) | Off-White Polycarbonate<br>(Clear Lid) | Length | Width | Height<br>(Including Lid) | Optional Inner Panels |        | Replacement Gasket (2-pk) |
|--|---------------------------------------|---|--|--------|-------|---------------------------|-----------------------|--------|---------------------------|
| RP1015                                 | RP1015C                               | RP1010                                  | RP1010C                                | 65     | 60    | 28                        | STC102                | STA102 | RP102GASKET               |
| RP1025                                 | RP1025C                               | RP1020                                  | RP1020C                                | 65     | 60    | 40                        | STC102                | STA102 | RP102GASKET               |
| RP1055                                 | RP1055C                               | RP1050                                  | RP1050C                                | 85     | 80    | 40                        | STC106                | STA106 | RP106GASKET               |
| RP1065                                 | RP1065C                               | RP1060                                  | RP1060C                                | 85     | 80    | 55                        | STC106                | STA106 | RP106GASKET               |
| RP1035                                 | RP1035C                               | RP1030                                  | RP1030C                                | 95     | 50    | 40                        | STC104                | STA104 | RP103GASKET               |
| RP1045                                 | RP1045C                               | RP1040                                  | RP1040C                                | 95     | 50    | 50                        | STC104                | STA104 | RP103GASKET               |
| RP1085                                 | RP1085C                               | RP1080                                  | RP1080C                                | 105    | 75    | 40                        | STC109                | STA109 | RP108GASKET               |
| RP1095                                 | RP1095C                               | RP1090                                  | RP1090C                                | 105    | 75    | 55                        | STC109                | STA109 | RP108GASKET               |
| RP1125                                 | RP1125C                               | RP1120                                  | RP1120C                                | 125    | 85    | 40                        | STC113                | STA113 | RP113GASKET               |
| RP1135                                 | RP1135C                               | RP1130                                  | RP1130C                                | 125    | 85    | 55                        | STC113                | STA113 | RP113GASKET               |
| RP1145                                 | RP1145C                               | RP1140                                  | RP1140C                                | 125    | 85    | 70                        | STC113                | STA113 | RP113GASKET               |
| RP1155                                 | RP1155C                               | RP1150                                  | RP1150C                                | 125    | 85    | 85                        | STC113                | STA113 | RP113GASKET               |
| RP1205                                 | RP1205C                               | RP1200                                  | RP1200C                                | 145    | 105   | 40                        | STC121                | STA121 | RP120GASKET               |
| RP1215                                 | RP1215C                               | RP1210                                  | RP1210C                                | 145    | 105   | 60                        | STC121                | STA121 | RP120GASKET               |
| RP1165                                 | RP1165C                               | RP1160                                  | RP1160C                                | 165    | 85    | 40                        | STC117                | STA117 | RP117GASKET               |
| RP1195                                 | RP1195C                               | RP1190                                  | RP1190C                                | 165    | 85    | 70                        | STC117                | STA117 | RP117GASKET               |
| RP1175                                 | RP1175C                               | RP1170                                  | RP1170C                                | 165    | 85    | 55                        | STC117                | STA117 | RP117GASKET               |
| RP1185                                 | RP1185C                               | RP1180                                  | RP1180C                                | 165    | 85    | 85                        | STC117                | STA117 | RP117GASKET               |
| RP1235                                 | RP1235C                               | RP1230                                  | RP1230C                                | 165    | 125   | 55                        | STC124                | STA124 | RP124GASKET               |
| RP1245                                 | RP1245C                               | RP1240                                  | RP1240C                                | 165    | 125   | 75                        | STC124                | STA124 | RP124GASKET               |
| RP1275                                 | RP1275C                               | RP1270                                  | RP1270C                                | 186    | 146   | 55                        | STC128                | STA128 | RP128GASKET               |
| RP1285                                 | RP1285C                               | RP1280                                  | RP1280C                                | 186    | 146   | 75                        | STC128                | STA128 | RP128GASKET               |
| RP1375                                 | RP1375C                               | RP1370                                  | RP1370C                                | 186    | 146   | 90                        | STC128                | STA128 | RP128GASKET               |
| RP1385                                 | RP1385C                               | RP1380                                  | RP1380C                                | 186    | 146   | 110                       | STC128                | STA128 | RP128GASKET               |
| RP1455                                 | RP1455C                               | RP1450                                  | RP1450C                                | 220    | 165   | 60                        | STC146                | STA146 | RP145GASKET               |
| RP1465                                 | RP1465C                               | RP1460                                  | RP1460C                                | 220    | 165   | 85                        | STC146                | STA146 | RP145GASKET               |
| not available                          | RP1615C                               | RP1610                                  | RP1610C                                | 250    | 200   | 95                        | STC580                | STA580 | RP161GASKET               |
| not available                          | RP1635C                               | RP1630                                  | RP1630C                                | 250    | 200   | 130                       | STC580                | STA580 | RP161GASKET               |

**Mounting Feet Kits (sets of 4)**

| Part No. | Material        | Style         | Compatible RP Series Enclosures                             |
|----------|-----------------|---------------|---|
| MF0040   | Polycarbonate   | Cross Shape   | All except RP1450, 1455, 1460, 1465, 1610, 1615, 1630, 1635 |
| MF0045   | ABS Plastic     | Cross Shape   | All except RP1450, 1455, 1460, 1465, 1610, 1615, 1630, 1635 |
| MF0060   | Polycarbonate   | Closed Slot   | All except RP1450, 1455, 1460, 1465, 1610, 1615, 1630, 1635 |
| MF0061   | ABS Plastic     | Closed Slot   | All except RP1450, 1455, 1460, 1465, 1610, 1615, 1630, 1635 |
| MF0300   | Stainless Steel |               | All except RP1450, 1455, 1460, 1465, 1610, 1615, 1630, 1635 |
| MF0050   | Polycarbonate   | Open "U" Slot | RP1450, 1455, 1460, 1465, 1610, 1615, 1630 & 1635 only      |
| MF0055   | ABS Plastic     | Open "U" Slot | RP1450, 1455, 1460, 1465, 1610, 1615, 1630 & 1635 only      |

**50-Pack of PC Board screws**

|          |          |
|----------|----------|
| Part No. | SC622-50 |
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## 50-pack of Replacement Lid Screws

Part No.

SC619-50

Tags: **plastic, project box, ABS, polycarbonate, watertight, inner panel**

*Data subject to change without notice*

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