



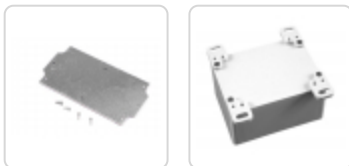
*Quality Products. Service Excellence.*

## Type 4X, 6P Polycarbonate & General Purpose ABS Enclosures 1555

Series

Watertight, Styled Lid, UL Listed Options

### NEW SIZES



### Key Features

- Ideally suited for mounting printed circuit boards or DIN rail mounted components.
- Styled lid version provides a smooth, recessed surface on lid for a membrane keypad or label.
- Standoffs molded in the interior of the lid (except for sizes "A" and "B"). Designed for #6 self tapping screws.
- Enclosure color is a light gray (RAL 7035).
- Gasketed lid with two piece tongue and groove construction provides protection against access of oil, dust, and water.
- Replaceable gasket is one piece made from high temperature UL listed silicone. Supplied loose inside the enclosure (not pre-installed).
- Lid is secured with included M4 stainless steel machine screws which are threaded into corrosion resistant bushings for repetitive assembly & disassembly. All hardware is designed to avoid corrosion caused by harsh environments over time.
- Lid screws are self capturing. Lid holes are threaded with the first installation of lid screws.
- Internal features are maximized for mounting options and vary with size:
  - Internal DIN rail mounting tabs molded into most models, except sizes "C" and "D".
  - Threaded (M3) integral brass inserts and/or standoffs (for #6 self tapping screws) for PC board or inner panel mounting in all but the smallest sizes ("A" and "B").
  - Vertical PC card guides (for 1.5 mm thick P.C. boards) are molded in all but the smallest sizes ("A" and "B").

### Ratings:

#### ABS

- ABS versions are molded from general purpose material which carries a flammability rating of UL94-HB. For indoor use.
- ABS versions are not UL listed but have been tested to and meet IP66 ratings.
- ABS versions carry an impact rating of IK07 per IEC 62262:2021.
- Recommended operating temperature: -20°C to +60°C (-4°F to +140°F).

#### Polycarbonate

- Polycarbonate versions are UV stabilized for outdoor use. Gray polycarb carries a UL94-5VA rating, while clear and smoked lids carry a UL94V-0 rating.
- Polycarbonate versions are cUL and UL 508A listed under file #E65324.
- Polycarbonate versions have been independently tested to meet IP66, IP67, and IP68 as well as NEMA Type 4, 4X, 6, 6P, 12 & 13 ratings.
  - Exception: 1555VGY and 1555V2GY are Type 4, 4X only.
- Polycarbonate versions carry an impact rating of IK08 per IEC 62262:2021.
- Recommended operating temperature: -40°C to +110°C (-40°F to +230°F).

- Customers should conduct their own testing to determine suitability for any specific application.

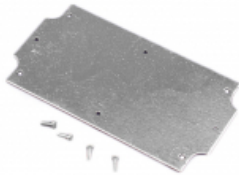
Photo Features:



Styled lid offers a modern look and a smooth recess perfect for membrane keypads or labels



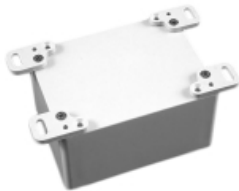
Standoffs molded in the interior of the lid (except for sizes "A" and "B"). Designed for #6 self-tapping screws



Galvanized steel inner panels are available (refer to table below).



Wall-mounting holes are located outside of the gasket channel



Same wall mounting holes can be used to install an accessory foot kit, **1554FT**



Internal mounting posts can be used to mount accessory inner panels, PC boards, or DIN rails (inner panel shown)

Accessories

- Inner Panels
  - Pole Mount Kit
  - Breather Kit
  - Liquid-Tight, Strain Relief Cordgrips
- Replacement Gaskets
  - Pressure Compensation Plug
  - Small Rainproof Ventilator
  - Hole Plugs

Part Numbers

| ABS Polycarbonate (UL Listed) |           |                   |             |            |                   |             |          |                    |  |
|-------------------------------|-----------|-------------------|-------------|------------|-------------------|-------------|----------|--------------------|--|
| Gray Lid                      | Gray Lid  | Qty of Lid Screws | Length (mm) | Width (mm) | Total Height (mm) | Inner Panel | Foot Kit | Replacement Gasket |  |
| 1555AGY                       | 1555A2GY  | 2                 | 52          | 50         | 40                | 1554APL     | -        | 1554AGASKET        |  |
| 1555BGY                       | 1555B2GY  | 4                 | 65          | 65         | 40.5              | 1554BPL     | 1554FT   | 1554BGASKET        |  |
| 1555EGY                       | 1555E2GY  | 4                 | 90          | 90         | 60.5              | 1554EPL     | 1554FT   | 1554EGASKET        |  |
| 1555EEGY                      | 1555EE2GY | 4                 | 90          | 90         | 90.5              | 1554EPL     | 1554FT   | 1554EGASKET        |  |
| 1555LGY                       | 1555L2GY  | 4                 | 105         | 105        | 60                | 1554LPL     | 1554FT   | 1554LGASKET        |  |
| 1555LAGY                      | 1555LA2GY | 4                 | 105         | 105        | 90                | 1554LPL     | 1554FT   | 1554LGASKET        |  |
| 1555CGY                       | 1555C2GY  | 4                 | 120         | 65         | 40.5              | 1554CPL     | 1554FT   | 1554CGASKET        |  |
| 1555DGY                       | 1555D2GY  | 4                 | 120         | 65         | 60.5              | 1554CPL     | 1554FT   | 1554CGASKET        |  |
| 1555FGY                       | 1555F2GY  | 4                 | 120         | 90         | 60.5              | 1554FPL     | 1554FT   | 1554FGASKET        |  |
| 1555GGY                       | 1555G2GY  | 4                 | 120         | 90         | 80.5              | 1554FPL     | 1554FT   | 1554FGASKET        |  |
| 1555NGY                       | 1555N2GY  | 4                 | 120         | 120        | 60.5              | 1554NPL     | 1554FT   | 1554NGASKET        |  |

| ABS Polycarbonate (UL Listed) |            |                   |             |            |                   |             |           |                    |
|-------------------------------|------------|-------------------|-------------|------------|-------------------|-------------|-----------|--------------------|
| Gray Lid                      | Gray Lid   | Qty of Lid Screws | Length (mm) | Width (mm) | Total Height (mm) | Inner Panel | Foot Kit  | Replacement Gasket |
| 1555PGY                       | 1555P2GY   | 4                 | 120         | 120        | 80                | 1554NPL     | 1554FT    | 1554NGASKET        |
| 1555QGY                       | 1555Q2GY   | 4                 | 140         | 140        | 60                | 1554QPL     | 1554FT    | 1554QGASKET        |
| 1555QAGY                      | 1555QA2GY  | 4                 | 140         | 140        | 90                | 1554QPL     | 1554FT    | 1554QGASKET        |
| 1555JLGY                      | 1555JL2GY  | 4                 | 160         | 90         | 45.5              | 1554JPL     | 1554FT    | 1554JGASKET        |
| 1555JGY                       | 1555J2GY   | 4                 | 160         | 90         | 60.5              | 1554JPL     | 1554FT    | 1554JGASKET        |
| 1555KGY                       | 1555K2GY   | 4                 | 160         | 90         | 90.5              | 1554JPL     | 1554FT    | 1554JGASKET        |
| 1555RGY                       | 1555R2GY   | 4                 | 160         | 160        | 60.5              | 1554RPL     | 1554FT    | 1554RGASKET        |
| 1555SGY                       | 1555S2GY   | 4                 | 160         | 160        | 90.5              | 1554RPL     | 1554FT    | 1554RGASKET        |
| 1555HLGY                      | 1555HL2GY  | 4                 | 180         | 120        | 45.5              | 1554HPL     | 1554FT    | 1554HGASKET        |
| 1555HGY                       | 1555H2GY   | 4                 | 180         | 120        | 60.5              | 1554HPL     | 1554FT    | 1554HGASKET        |
| 1555TGY                       | 1555T2GY   | 4                 | 180         | 120        | 90.5              | 1554HPL     | 1554FT    | 1554HGASKET        |
| 1555WGY                       | 1555W2GY   | 4                 | 180         | 180        | 60                | 1554WPL     | 1554FT    | 1554WGASKET        |
| 1555WAGY                      | 1555WA2GY  | 4                 | 180         | 180        | 90                | 1554WPL     | 1554FT    | 1554WGASKET        |
| 1555UGY                       | 1555U2GY   | 4                 | 200         | 120        | 90.5              | 1554UPL     | 1554FT    | 1554UGASKET        |
| 1555VGY                       | 1555V2GY   | 4                 | 240         | 160        | 90.5              | 1554VPL     | 1554FT    | 1554VGASKET        |
| 1555VALGY                     | 1555VAL2GY | 6                 | 240         | 160        | 60                | 1554VAPL    | 1554FT    | 1554VAGASKET       |
| 1555VAGY                      | 1555VA2GY  | 6                 | 240         | 160        | 90                | 1554VAPL    | 1554FT    | 1554VAGASKET       |
| 1555VBGY                      | 1555VB2GY  | 6                 | 240         | 160        | 120               | 1554VAPL    | 1554FT    | 1554VAGASKET       |
| 1555XGY                       | 1555X2GY   | 6                 | 300         | 200        | 90                | 1554XPL     | 1554FT-XY | 1554XGASKET        |
| 1555XAGY                      | 1555XA2GY  | 6                 | 300         | 200        | 120               | 1554XPL     | 1554FT-XY | 1554XGASKET        |
| 1555YGY                       | 1555Y2GY   | 6                 | 300         | 240        | 95                | 1554YPL     | 1554FT-XY | 1554YGASKET        |
| 1555YAGY                      | 1555YA2GY  | 6                 | 300         | 240        | 120               | 1554YPL     | 1554FT-XY | 1554YGASKET        |

### Clear Lids Only (Not Styled)

| Part Number      | Compatible Clear Lid | Lid Length (mm) | Lid Width (mm) | Lid Height (mm) |
|------------------|----------------------|-----------------|----------------|-----------------|
| 1554A, 1555A     | 1554ACL              | 52              | 50             | 15              |
| 1554B, 1555B     | 1554BCL              | 65              | 65             | 15              |
| 1554C, 1555C     | 1554CCL              | 120             | 65             | 15              |
| 1554E, 1555E     | 1554ECL              | 90              | 90             | 15              |
| 1554EE, 1555EE   | 1554ECL              | 90              | 90             | 15              |
| 1554F, 1555F     | 1554FCL              | 120             | 90             | 15              |
| 1554G, 1555G     | 1554FCL              | 120             | 90             | 15              |
| 1554H, 1555H     | 1554HCL              | 180             | 120            | 15              |
| 1554HL, 1555HL   | 1554HCL              | 180             | 120            | 15              |
| 1554T, 1555T     | 1554HCL              | 180             | 120            | 15              |
| 1554J, 1555J     | 1554JCL              | 160             | 90             | 15              |
| 1554JL, 1555JL   | 1554JCL              | 160             | 90             | 15              |
| 1554K, 1555K     | 1554JCL              | 160             | 90             | 15              |
| 1554L, 1555L     | 1554LCL              | 105             | 105            | 15              |
| 1554LA, 1555LA   | 1554LCL              | 105             | 105            | 15              |
| 1554N, 1555N     | 1554NCL              | 120             | 120            | 15              |
| 1554P, 1555P     | 1554NCL              | 120             | 120            | 15              |
| 1554Q, 1555Q     | 1554QCL              | 140             | 140            | 15              |
| 1554QA, 1555QA   | 1554QCL              | 140             | 140            | 15              |
| 1554R, 1555R     | 1554RCL              | 160             | 160            | 15              |
| 1554S, 1555S     | 1554RCL              | 160             | 160            | 15              |
| 1554U, 1555U     | 1554UCL              | 200             | 120            | 15              |
| 1554V, 1555V     | 1554VCL              | 240             | 160            | 20              |
| 1554VA, 1555VA   | 1554VACL             | 240             | 160            | 20              |
| 1554VAL, 1555VAL | 1554VACL             | 240             | 160            | 20              |
| 1554VB, 1555VB   | 1554VACL             | 240             | 160            | 20              |
| 1554W, 1555W     | 1554WCL              | 180             | 180            | 15              |
| 1554WA, 1555WA   | 1554WCL              | 180             | 180            | 15              |
| 1554X, 1555X     | 1554XCL              | 299             | 220            | 20              |
| 1554XA, 1555XA   | 1554XACL             | 299             | 220            | 50              |
| 1554Y, 1555Y     | 1554YCL              | 299             | 240            | 25              |

| Part Number    | Compatible Clear Lid | Lid Length (mm) | Lid Width (mm) | Lid Height (mm) |
|----------------|----------------------|-----------------|----------------|-----------------|
| 1554YA, 1555YA | 1554YACL             | 299             | 240            | 50              |

Tags: polycarbonate, UV, outdoor, watertight, IP68, NEMA, NEMA box, heavy duty, PCB, inner panel, *Data subject to change without notice*  
IP66, impact resistant, IP rated

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