

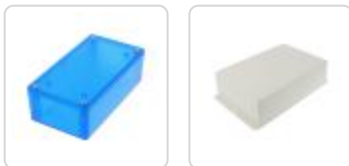


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## ABS Plastic Multi-Purpose Enclosures w/ PC Board Standoffs 1591XX

### Series

Flame Retardant, General Purpose, Flanged Lid Options

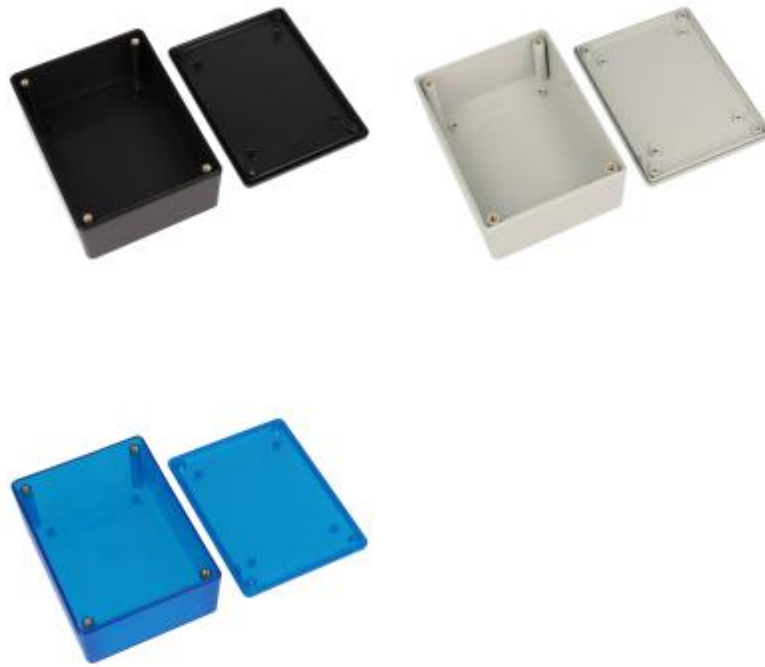


### Key Features:

- Ideally suited for mounting printed circuit boards horizontally.
- Internal sides of enclosure are smooth for easy connector installation, except for the largest enclosure 1591XXF. 1591XXF size is a universal type which includes PC board standoffs in the lid and enclosure as well as card guides.
- Provides protection against access of dust and splashing water.
- Designed to meet IP54.
- Lid and box both contain integral PC board standoffs.
- Standard black and gray versions molded from easy-to-machine, flame retardant ABS plastic which carries a UL flammability rating of UL94 V-0.
- Transparent blue and all economy versions are molded from general purpose plastic that is not flame retardant.
- On standard versions, the lid is secured with M3 x 10 mm Phillips machine screws threaded into integral brass bushings. Perfect for applications with repetitive assembly and disassembly are required.
- Economy versions are assembled with self-tapping screws into fully plastic posts.
- Black and transparent blue enclosures include black screws, while gray enclosures include nickel plated screws.

### Photo Features:

Available in black, gray, or transparent blue. PC board mounting bosses located inside the box and lid and are sized for #4 x 1/4" self-tapping screws (not included with enclosure).



Also available with mounting flanges integrated into the lid (black and gray only).



Four molded countersunk holes allow for easy installation to wall or shelf. Oval hole in each side of flange allows the unit to be strapped or hung via tie wraps.



**Accessory flanges** are also available (sold separately from enclosures).

## Hardware:

- Replacement machine lid screws for standard flame retardant versions are available in packs of 100: **1591MS100** (nickel plated) or **1591MS100BK** (black)
- Replacement self-tapping lid screws for economy versions are available in packs of 100: **1591TS100** (nickel plated) or **1591TS100BK** (black)
- PC board screws are available in pack of 50, **1593ATS50**, and pack of 100, **1593ATS100**

## Accessories

- Plastic Flanges

Enclosures Without Mounting Flanges

| Flame Retardant Plastic<br>w/ Brass Screw Inserts |           | General Purpose ABS<br>w/ Brass Screw Inserts | General Purpose ABS<br>w/ Self Tapping Screws | Length | Width | Enclosure |
|---------------------------------------------------|-----------|-----------------------------------------------|-----------------------------------------------|--------|-------|-----------|
| Black                                             | Gray      | Transparent Blue                              | Black                                         |        |       | Depth     |
| 1591XXMBK                                         | 1591XXMGY | 1591XXMTBU                                    | 1591XXMSBK                                    | 86     | 57    | 27        |
| 1591XXLBK                                         | 1591XXLGY | 1591XXLTBU                                    | 1591XXLSBK                                    | 87     | 58    | 39        |
| 1591XXABK                                         | 1591XXAGY | 1591XXATBU                                    | 1591XXASBK                                    | 101    | 51    | 25        |
| 1591XXSBK                                         | 1591XXSGY | 1591XXSTBU                                    | 1591XXSSBK                                    | 113    | 85    | 44        |
| 1591XXBBK                                         | 1591XXBGY | 1591XXBTBU                                    | 1591XXBSBK                                    | 114    | 63    | 31        |
| 1591XXCBK                                         | 1591XXCGY | 1591XXCTBU                                    | 1591XXCSBK                                    | 121    | 67    | 40        |
| 1591XXTBK                                         | 1591XXTGY | 1591XXTTBU                                    | 1591XXTSBK                                    | 123    | 83    | 59        |
| 1591XXGBK                                         | 1591XXGGY | 1591XXGTBU                                    | 1591XXGSBK                                    | 112    | 96    | 38        |
| 1591XXUBK                                         | 1591XXUGY |                                               | 1591XXUSBK                                    | 124    | 124   | 60        |
| 1591XXDBK                                         | 1591XXDGY | 1591XXDTBU                                    | 1591XXDSBK                                    | 152    | 82    | 51        |
| 1591XXEBK                                         | 1591XXEGY | 1591XXETBU                                    | 1591XXESBK                                    | 193    | 113   | 61        |
| 1591XXFBK                                         | 1591XXFGY |                                               | 1591XXFSBK                                    | 221    | 150   | 64        |

Enclosures With Mounting Flanges

| Flame Retardant Plastic<br>w/ Brass Screw Inserts |             | General Purpose ABS<br>w/ Self Tapping Screws | Length | Width | Enclosure |
|---------------------------------------------------|-------------|-----------------------------------------------|--------|-------|-----------|
| Black                                             | Gray        | Black                                         |        |       | Depth     |
| 1591XXMFLBK                                       | 1591XXMFLGY | 1591XXMSFLBK                                  | 86     | 57    | 27        |
| 1591XXLFLBK                                       | 1591XXLFLGY | 1591XXLSFLBK                                  | 87     | 58    | 39        |
| 1591XXAFLBK                                       | 1591XXAFLGY | 1591XXASFLBK                                  | 101    | 51    | 25        |
| 1591XXSFLBK                                       | 1591XXSFLGY | 1591XXSSFLBK                                  | 113    | 85    | 44        |
| 1591XXBFLBK                                       | 1591XXBFLGY | 1591XXBSFLBK                                  | 114    | 63    | 31        |
| 1591XXCFLBK                                       | 1591XXCFLGY | 1591XXCSFLBK                                  | 121    | 67    | 40        |
| 1591XXTFLBK                                       | 1591XXTFLGY | 1591XXTSFLBK                                  | 123    | 83    | 59        |
| 1591XXGFLBK                                       | 1591XXGFLGY | 1591XXGSFLBK                                  | 112    | 96    | 38        |
| 1591XXUFLBK                                       | 1591XXUFLGY | 1591XXUSFLBK                                  | 124    | 124   | 60        |
| 1591XXDFLBK                                       | 1591XXDFLGY | 1591XXDSFLBK                                  | 152    | 82    | 51        |
| 1591XXEFLBK                                       | 1591XXEFLGY | 1591XXESFLBK                                  | 193    | 113   | 61        |
| 1591XXFFLBK                                       | 1591XXFFLGY | 1591XXFSFLBK                                  | 221    | 150   | 64        |

Tags: plastic, project box, ABS, PCB, flanged, bottom flange, flanged lid, multipurpose

Data subject to change without notice